

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010318\
 Data File : BG031890.D
 Acq On : 3 Jan 2018 14:44
 Operator : SJ/JU
 Sample : PB105448BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 03 15:29:06 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 15:51:46 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	48604	20.00	ng	-0.01
21) Naphthalene-d8	11.67	136	207463	20.00	ng	0.00
38) Acenaphthene-d10	15.42	164	148190	20.00	ng	0.00
63) Phenanthrene-d10	18.15	188	394567	20.00	ng	0.00
75) Chrysene-d12	22.49	240	450136	20.00	ng	-0.01
86) Perylene-d12	26.22	264	482575	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	6.21	112	359539	134.73	ng	0.00
7) Phenol-d6	7.89	99	467712	135.00	ng	0.00
23) Nitrobenzene-d5	9.98	82	249012	90.64	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	320323	141.66	ng	0.00
44) 2-Fluorobiphenyl	14.04	172	914630	77.47	ng	0.00
78) Terphenyl-d14	20.68	244	1697605	86.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.86	88	30435	30.767	ng	# 71
3) Pyridine	4.31	79	83976	31.759	ng	# 76
4) n-Nitrosodimethylamine	4.21	42	34991	32.794	ng	# 81
6) Aniline	8.08	93	64801	14.537	ng	# 89
8) 2-Chlorophenol	8.33	128	114635	37.034	ng	# 82
9) Benzaldehyde	7.89	77	24072	11.539	ng	89
10) Phenol	7.92	94	133409	38.140	ng	86
11) bis(2-Chloroethyl)ether	8.17	93	88259	30.382	ng	# 80
12) 1,3-Dichlorobenzene	8.67	146	125704	32.701	ng	# 94
13) 1,4-Dichlorobenzene	8.83	146	125549	31.973	ng	94
14) 1,2-Dichlorobenzene	9.16	146	120494	32.385	ng	96
15) Benzyl Alcohol	9.02	79	90220	34.688	ng	93
16) 2,2'-oxybis(1-Chloropropan	9.31	45	92194	38.971	ng	78
17) 2-Methylphenol	9.22	107	92737	37.053	ng	97
18) Hexachloroethane	9.91	117	39216	32.975	ng	# 85
19) n-Nitroso-di-n-propylamine	9.60	70	68172	28.812	ng	# 85
20) 3+4-Methylphenols	9.55	107	126770	35.638	ng	92
22) Acetophenone	9.63	105	158857	32.958	ng	# 87
24) Nitrobenzene	10.03	77	102425	36.172	ng	# 85
25) Isophorone	10.55	82	195120	32.991	ng	# 85
26) 2-Nitrophenol	10.75	139	65335	44.007	ng	# 82
27) 2,4-Dimethylphenol	10.79	122	122705	39.277	ng	85
28) bis(2-Chloroethoxy)methane	11.04	93	127774	32.197	ng	94
29) 2,4-Dichlorophenol	11.29	162	140111	38.202	ng	92
30) 1,2,4-Trichlorobenzene	11.52	180	143795	32.111	ng	99
31) Naphthalene	11.72	128	345847	33.032	ng	98
32) Benzoic acid	10.89	122	73398	36.342	ng	# 82
33) 4-Chloroaniline	11.81	127	70057	15.029	ng	# 92
34) Hexachlorobutadiene	11.99	225	94955	30.886	ng	99
35) Caprolactam	12.56	113	45606	41.023	ng	# 47
36) 4-Chloro-3-methylphenol	12.88	107	129819	38.326	ng	# 86
37) 2-Methylnaphthalene	13.28	142	292000	34.402	ng	91
39) 1,2,4,5-Tetrachlorobenzene	13.63	216	200298	32.089	ng	# 97
40) Hexachlorocyclopentadiene	13.61	237	233722	70.979	ng	92

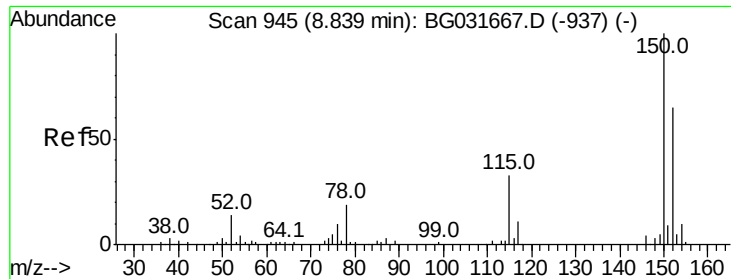
Data Path : Z:\HPCHEM1\BNA G\DATA\BG010318\
 Data File : BG031890.D
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 Operator : SJ/JU
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Quant Time: Jan 03 15:29:06 2018
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 15:51:46 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.86	196	132096	36.705	ng	97
43) 2,4,5-Trichlorophenol	13.93	196	147562	36.999	ng	# 88
45) 1,1'-Biphenyl	14.26	154	419080	33.111	ng	96
46) 2-Chloronaphthalene	14.31	162	316915	32.827	ng	95
47) 2-Nitroaniline	14.50	65	70415	42.232	ng	# 64
48) Acenaphthylene	15.15	152	501122	32.446	ng	99
49) Dimethylphthalate	14.85	163	434967	33.318	ng	99
50) 2,6-Dinitrotoluene	14.97	165	97244	40.491	ng	# 65
51) Acenaphthene	15.48	154	357778	35.370	ng	99
52) 3-Nitroaniline	15.30	138	56428	24.083	ng	# 71
53) 2,4-Dinitrophenol	15.50	184	90126	87.541	ng	# 81
54) Dibenzofuran	15.81	168	526926	33.983	ng	98
55) 4-Nitrophenol	15.58	139	155460	81.518	ng	# 68
56) 2,4-Dinitrotoluene	15.75	165	140453	45.481	ng	# 62
57) Fluorene	16.45	166	426152	33.832	ng	96
58) 2,3,4,6-Tetrachlorophenol	16.02	232	154127	39.610	ng	# 85
59) Diethylphthalate	16.19	149	418753	32.910	ng	95
60) 4-Chlorophenyl-phenylether	16.44	204	250807	32.542	ng	92
61) 4-Nitroaniline	16.46	138	86960	38.032	ng	78
62) Azobenzene	16.72	77	278005	34.068	ng	84
64) 4,6-Dinitro-2-methylphenol	16.51	198	69851	38.399	ng	# 68
65) n-Nitrosodiphenylamine	16.64	169	399476	30.484	ng	99
66) 4-Bromophenyl-phenylether	17.32	248	184868	32.401	ng	94
67) Hexachlorobenzene	17.45	284	193767	33.221	ng	# 89
68) Atrazine	17.56	200	176746	34.686	ng	98
69) Pentachlorophenol	17.79	266	255726	63.743	ng	98
70) Phenanthrene	18.19	178	743203	33.283	ng	98
71) Anthracene	18.29	178	760076	33.744	ng	98
72) Carbazole	18.54	167	669449	33.579	ng	100
73) Di-n-butylphthalate	19.05	149	733377	33.101	ng	99
74) Fluoranthene	20.15	202	938399	34.250	ng	97
76) Benzidine	20.31	184	264338	19.026	ng	99
77) Pyrene	20.51	202	960459	33.403	ng	99
79) Butylbenzylphthalate	21.37	149	327232	33.902	ng	# 76
80) Benzo(a)anthracene	22.47	228	953545	33.302	ng	99
81) 3,3'-Dichlorobenzidine	22.36	252	208894	18.816	ng	# 98
82) Chrysene	22.55	228	890091	32.854	ng	98
83) Bis(2-ethylhexyl)phthalate	22.32	149	447525	32.002	ng	# 99
84) Di-n-octyl phthalate	23.71	149	766276	32.536	ng	# 87
85) Indeno(1,2,3-cd)pyrene	30.55	276	1183618	34.054	ng	# 88
87) Benzo(b)fluoranthene	25.03	252	1002256	33.458	ng	# 96
88) Benzo(k)fluoranthene	25.10	252	970904	32.387	ng	# 97
89) Benzo(a)pyrene	26.05	252	966561	33.691	ng	# 97
90) Dibenzo(a,h)anthracene	30.64	278	975681	32.929	ng	# 95
91) Benzo(g,h,i)perylene	30.55	276	1183618	33.835	ng	# 93

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.78 min Scan# 934

Delta R.T. -0.01 min

Lab File: BG031890.D

Acq: 3 Jan 2018 14:44

Instrument :

BNA_G

ClientSampleId :

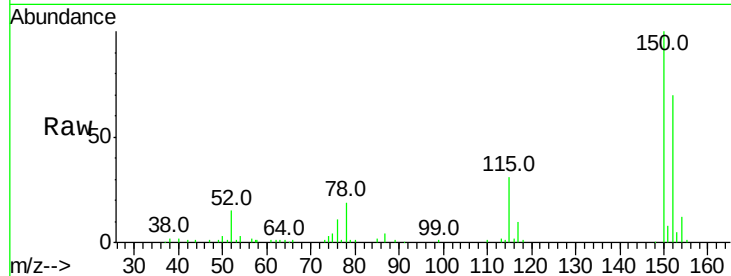
Tot Ion:152 Resp: 48604

Ion Ratio Lower Upper

152 100

150 143.6 126.6 189.8

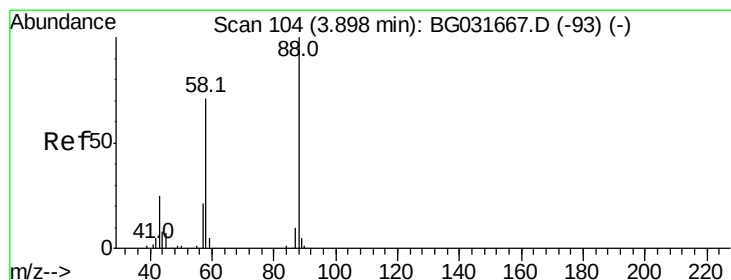
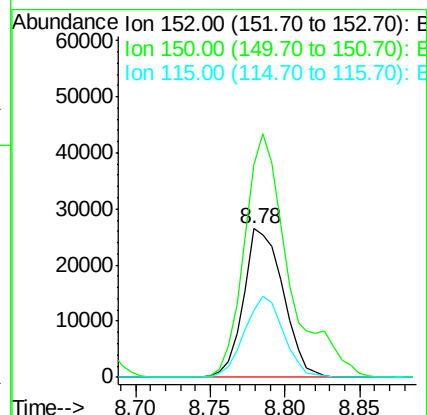
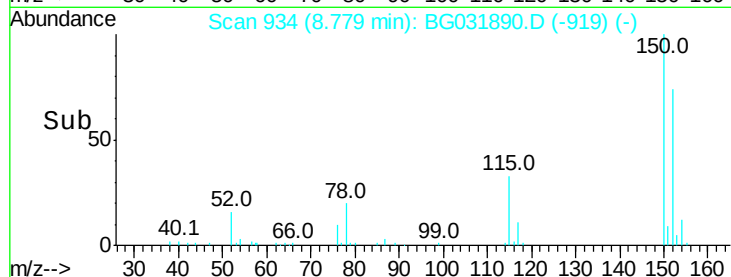
115 44.9 53.0 79.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 30.767 ng

RT: 3.86 min Scan# 96

Delta R.T. -0.01 min

Lab File: BG031890.D

Acq: 3 Jan 2018 14:44

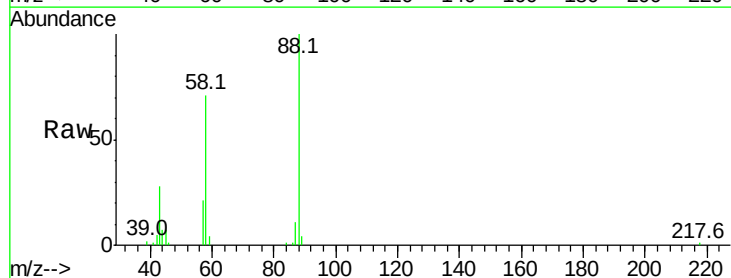
Tgt Ion: 88 Resp: 30435

Ion Ratio Lower Upper

88 100

58 67.6 79.6 119.4#

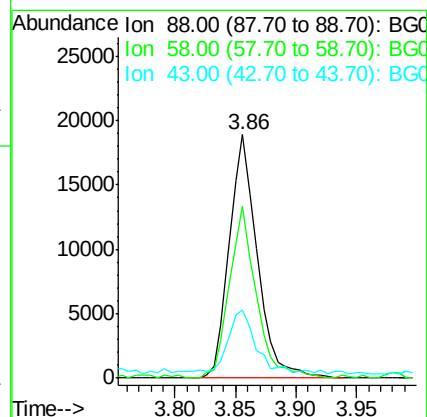
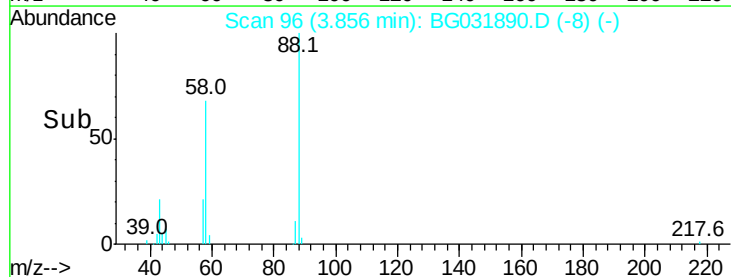
43 22.8 27.4 41.0#

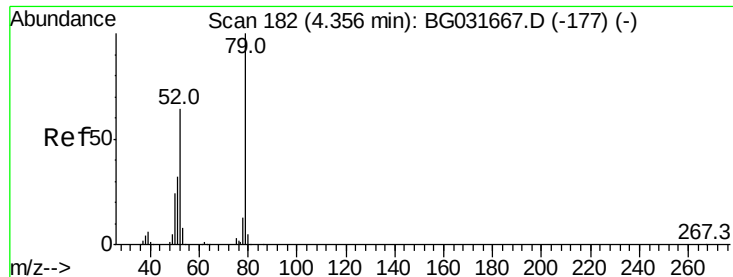


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 31.759 ng

RT: 4.31 min Scan# 173

Delta R.T. -0.01 min

Lab File: BG031890.D

Acq: 3 Jan 2018 14:44

Instrument :

BNA_G

ClientSampleId :

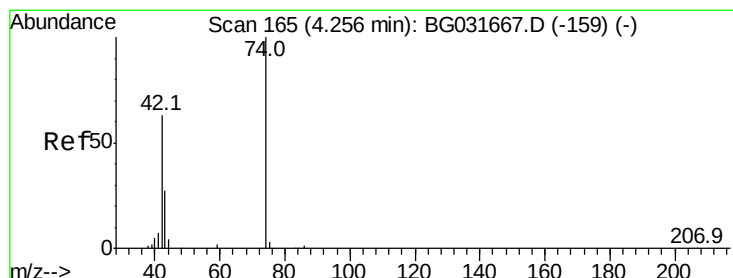
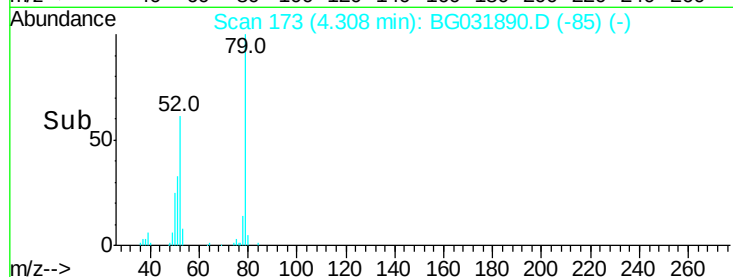
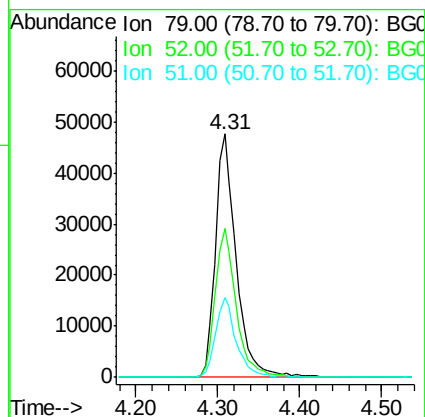
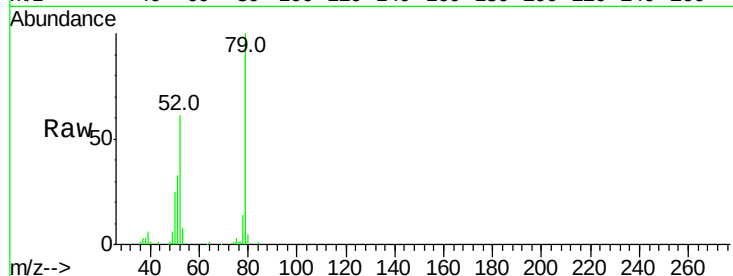
Tot Ion: 79 Resp: 83976

Ion Ratio Lower Upper

79 100

52 61.0 69.9 104.9#

51 33.0 34.0 51.0#



#4

n-Nitrosodimethylamine

Concen: 32.794 ng

RT: 4.21 min Scan# 157

Delta R.T. -0.01 min

Lab File: BG031890.D

Acq: 3 Jan 2018 14:44

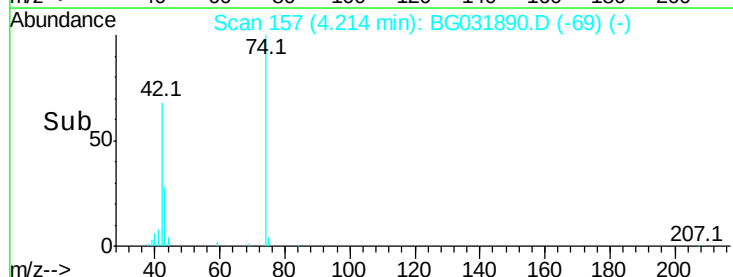
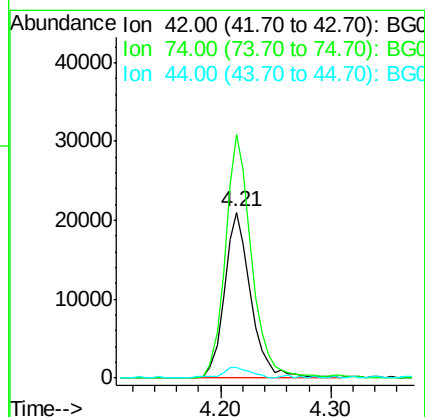
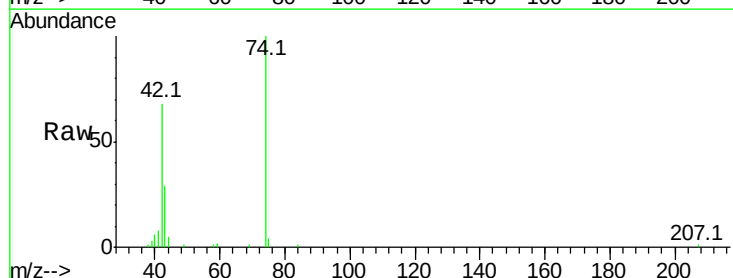
Tgt Ion: 42 Resp: 34991

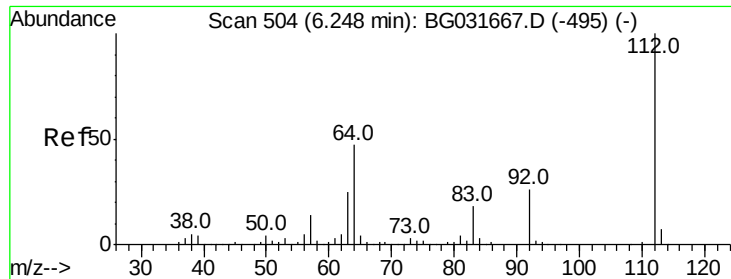
Ion Ratio Lower Upper

42 100

74 146.7 102.5 153.7

44 6.7 18.9 28.3#





#5

2-Fluorophenol

Concen: 134.734 ng

RT: 6.21 min Scan# 497

Delta R.T. -0.00 min

Lab File: BG031890.D

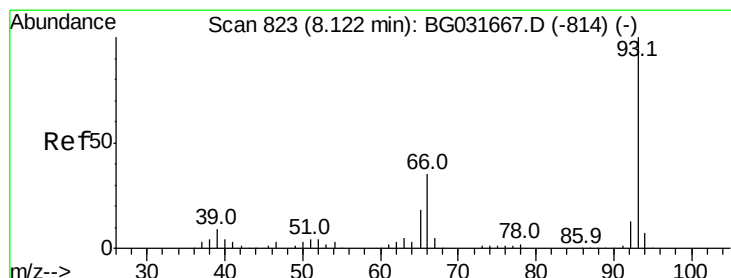
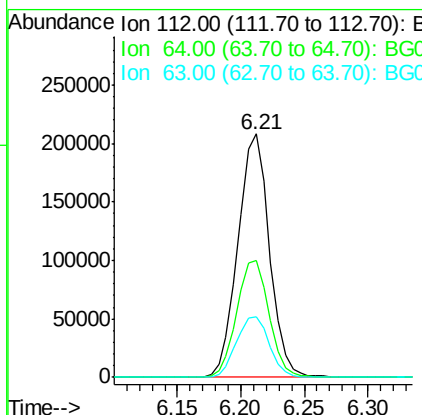
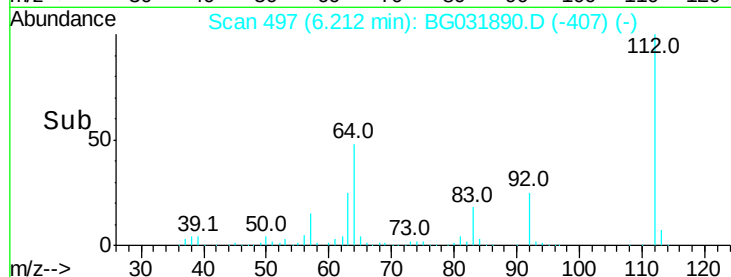
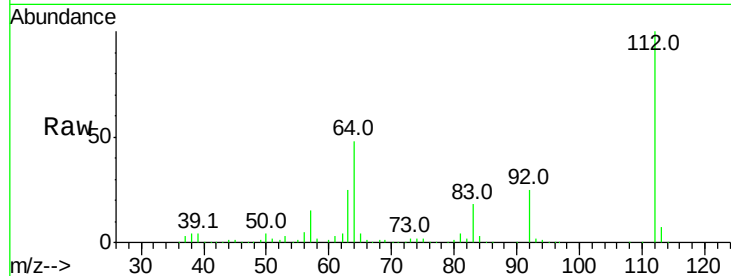
Acq: 3 Jan 2018 14:44

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	112	Resp:	359539
Ion	Ratio	Lower	Upper
112	100		
64	48.1	56.3	84.5#
63	25.0	30.1	45.1#



#6

Aniline

Concen: 14.537 ng

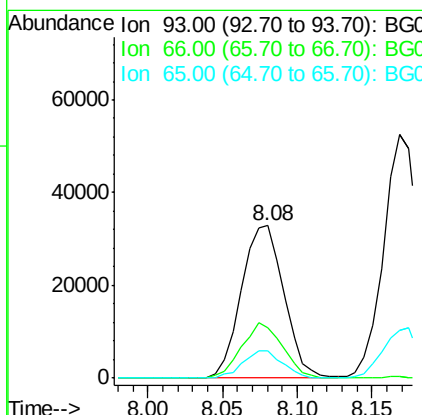
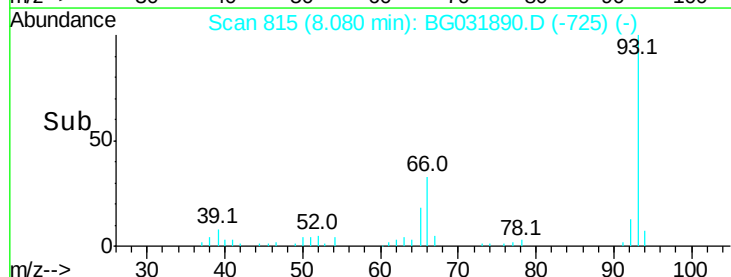
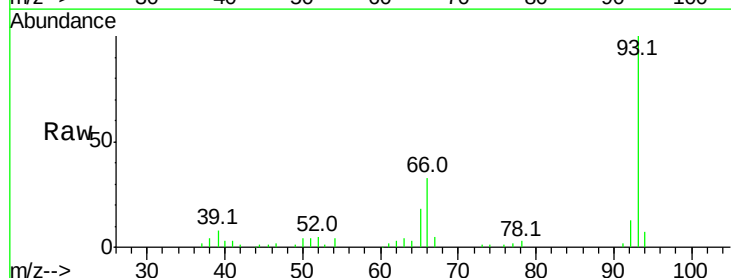
RT: 8.08 min Scan# 815

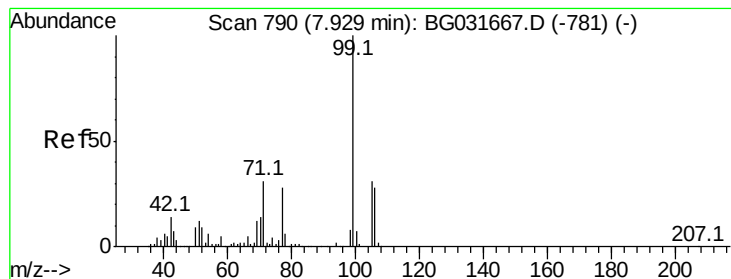
Delta R.T. -0.00 min

Lab File: BG031890.D

Acq: 3 Jan 2018 14:44

Tgt Ion:	93	Resp:	64801
Ion	Ratio	Lower	Upper
93	100		
66	33.0	33.7	50.5#
65	18.1	16.1	24.1





#7

Phenol-d6

Concen: 134.997 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.00 min

Lab File: BG031890.D

Acq: 3 Jan 2018 14:44

Instrument :

BNA_G

ClientSampleId :

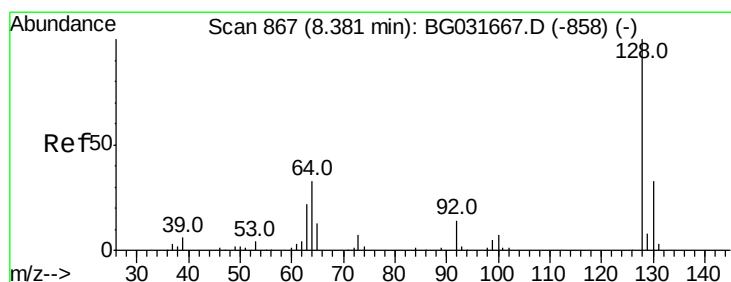
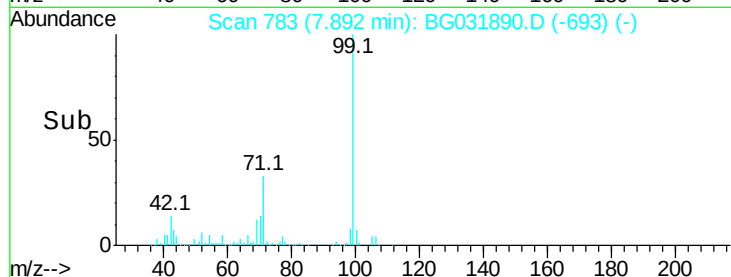
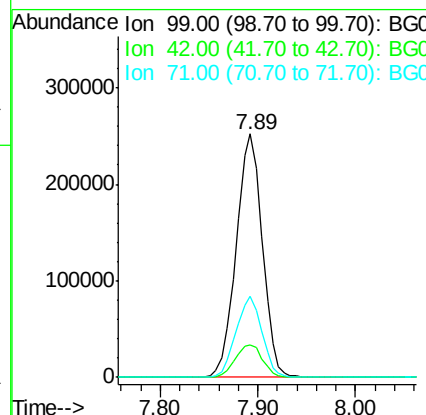
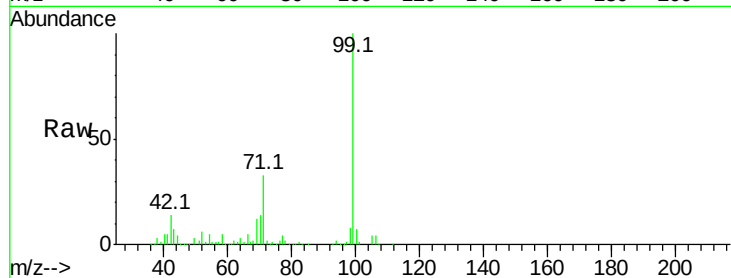
Tot Ion: 99 Resp: 467712

Ion Ratio Lower Upper

99 100

42 13.5 14.1 21.1#

71 33.3 26.1 39.1



#8

2-Chlorophenol

Concen: 37.034 ng

RT: 8.33 min Scan# 858

Delta R.T. -0.00 min

Lab File: BG031890.D

Acq: 3 Jan 2018 14:44

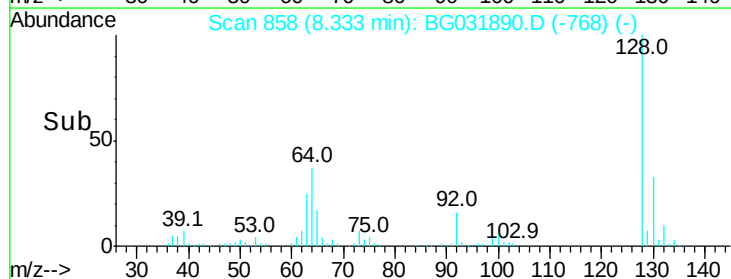
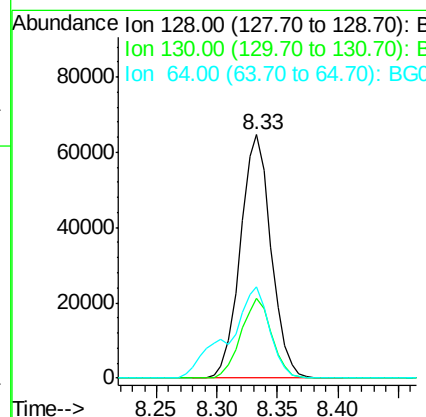
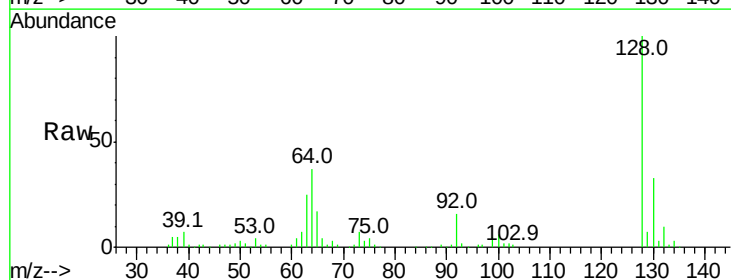
Tgt Ion: 128 Resp: 114635

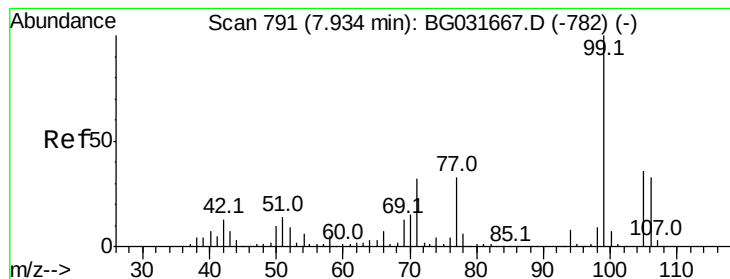
Ion Ratio Lower Upper

128 100

130 33.0 14.0 54.0

64 37.3 37.7 77.7#





#9

Benzaldehyde

Concen: 11.539 ng

RT: 7.89 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG031890.D

Acq: 3 Jan 2018 14:44

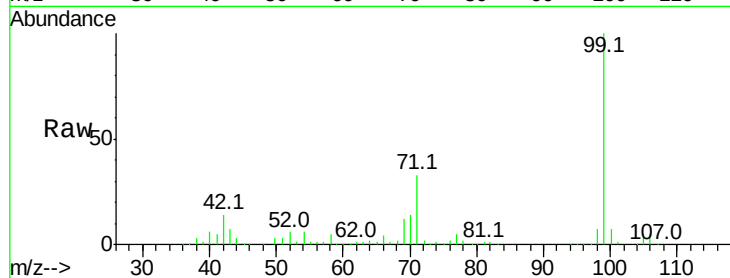
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 24072

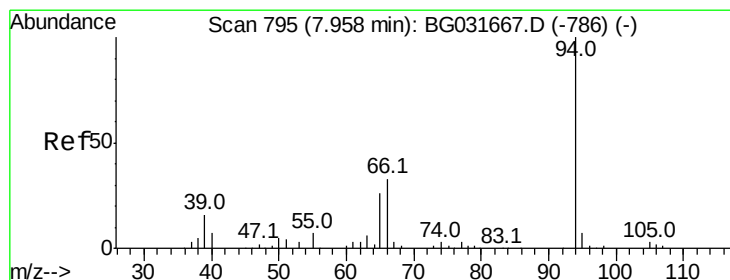
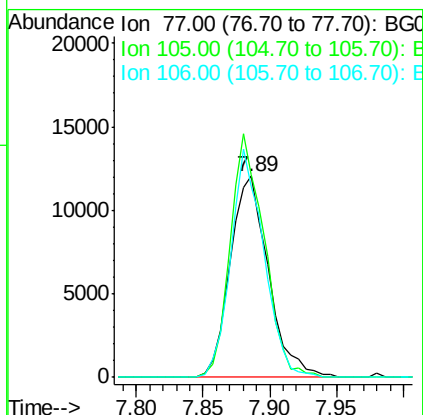
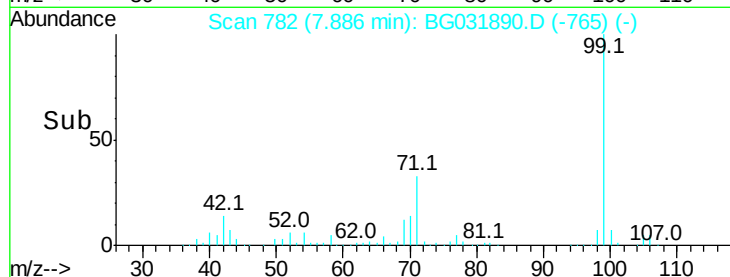
Ion	Ratio	Lower	Upper
77	100		
105	101.0	71.3	111.3
106	95.0	64.2	104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 38.140 ng

RT: 7.92 min Scan# 788

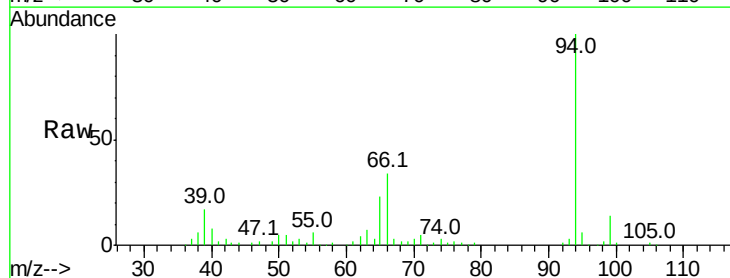
Delta R.T. -0.00 min

Lab File: BG031890.D

Acq: 3 Jan 2018 14:44

Tgt Ion: 94 Resp: 133409

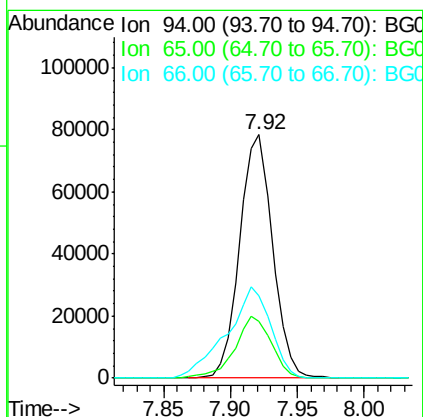
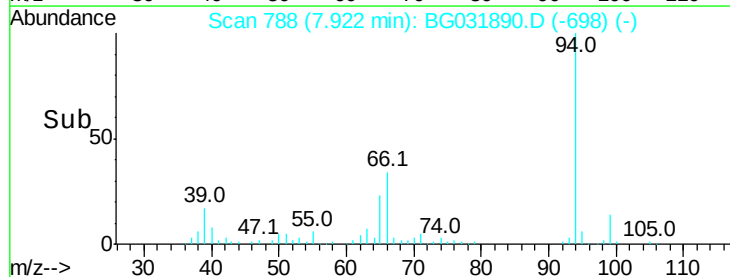
Ion	Ratio	Lower	Upper
94	100		
65	23.5	11.9	51.9
66	34.0	22.2	62.2

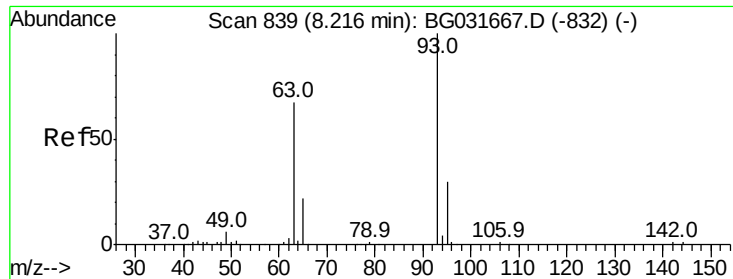


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 30.382 ng

RT: 8.17 min Scan# 830

Delta R.T. -0.01 min

Lab File: BG031890.D

Acq: 3 Jan 2018 14:44

Instrument :

BNA_G

ClientSampleId :

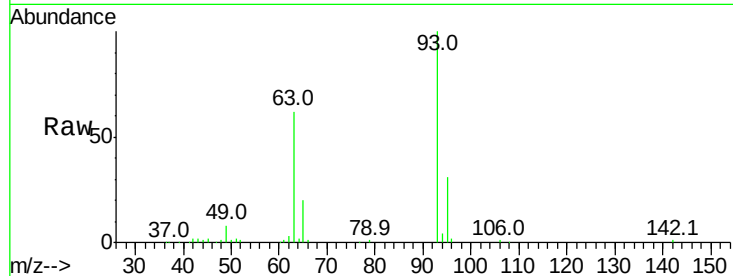
Tot Ion: 93 Resp: 88259

Ion Ratio Lower Upper

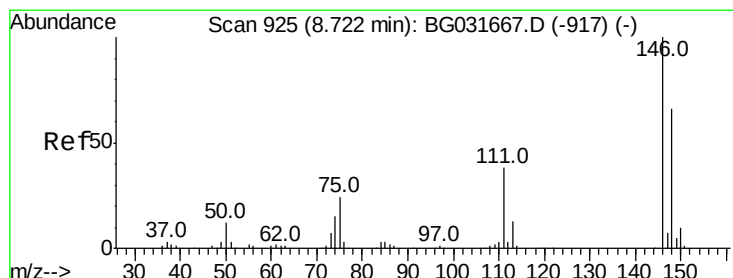
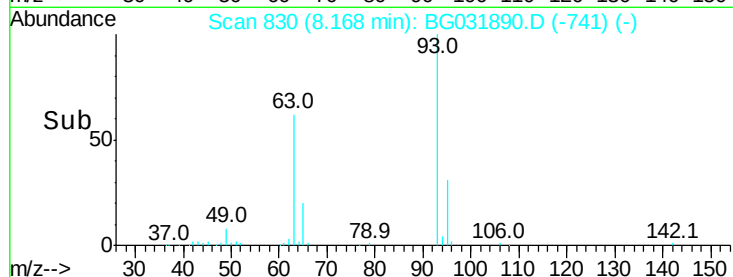
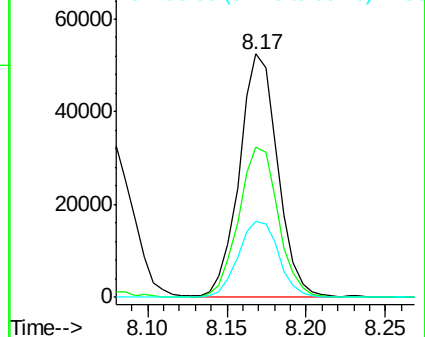
93 100

63 61.7 67.1 107.1#

95 31.4 11.5 51.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 32.701 ng

RT: 8.67 min Scan# 916

Delta R.T. -0.00 min

Lab File: BG031890.D

Acq: 3 Jan 2018 14:44

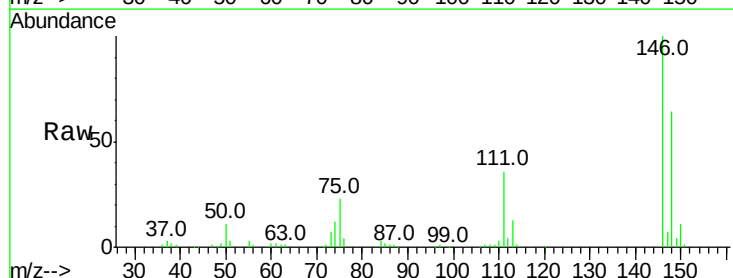
Tgt Ion: 146 Resp: 125704

Ion Ratio Lower Upper

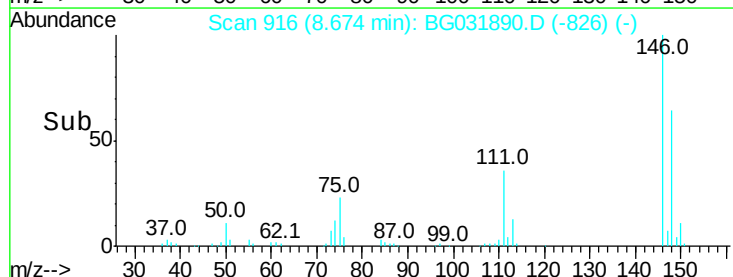
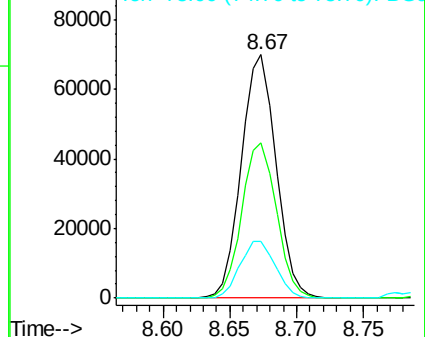
146 100

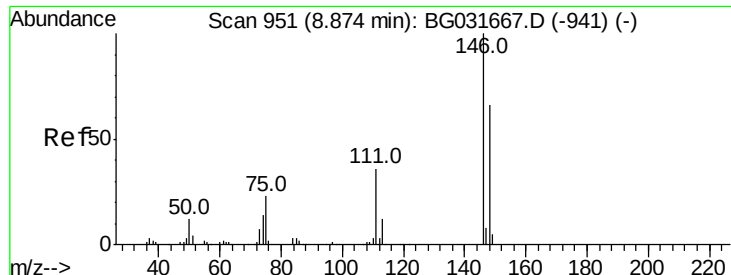
148 63.9 51.4 77.2

75 23.1 26.6 39.8#



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

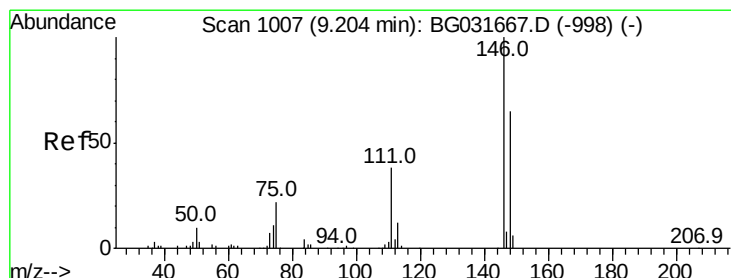
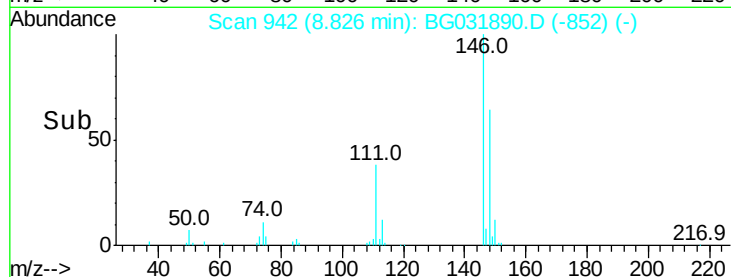
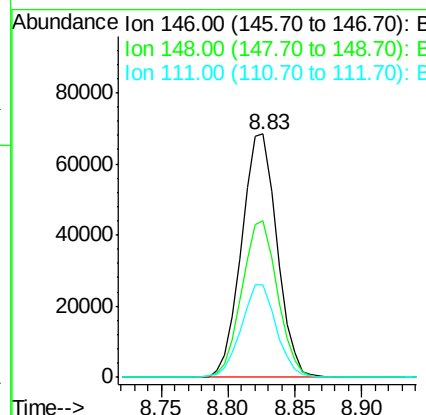
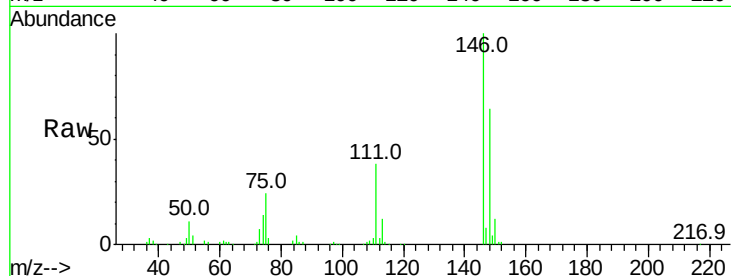




#13
 1,4-Dichlorobenzene
 Concen: 31.973 ng
 RT: 8.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: BG031890.D
 Acq: 3 Jan 2018 14:44

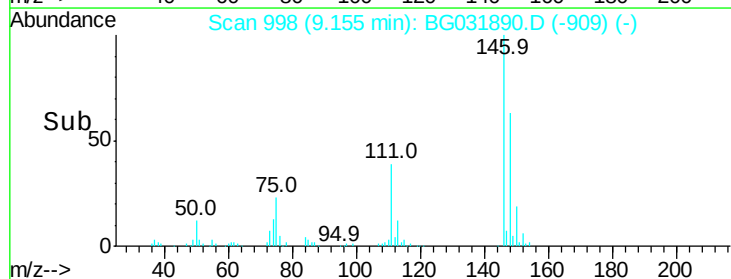
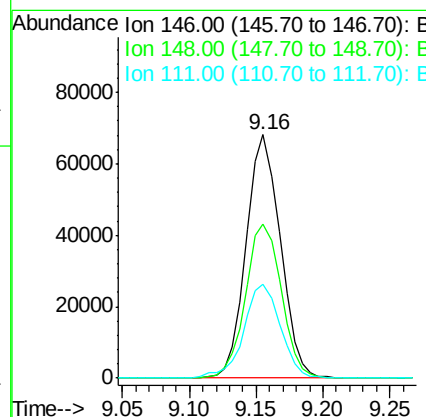
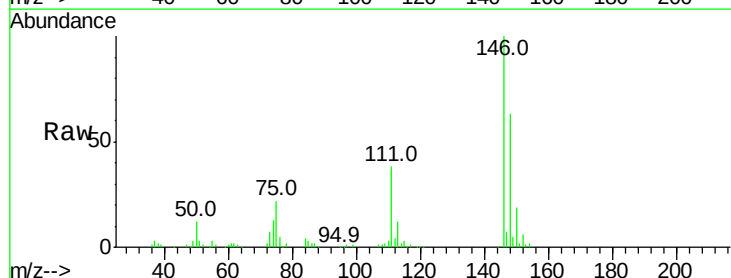
Instrument :
 BNA_G
 ClientSampled :

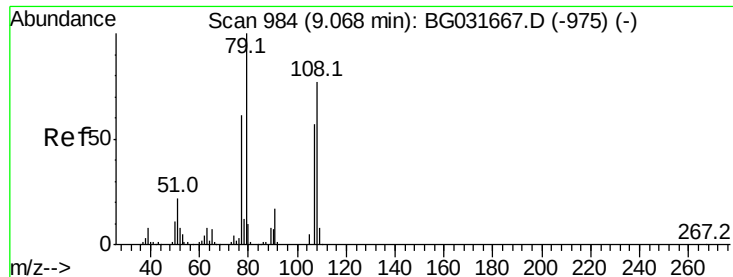
Tot Ion:146 Resp: 125549
 Ion Ratio Lower Upper
 146 100
 148 64.2 53.7 80.5
 111 38.2 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 32.385 ng
 RT: 9.16 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BG031890.D
 Acq: 3 Jan 2018 14:44

Tgt Ion:146 Resp: 120494
 Ion Ratio Lower Upper
 146 100
 148 63.4 49.3 73.9
 111 38.3 34.3 51.5





#15

Benzyl Alcohol

Concen: 34.688 ng

RT: 9.02 min Scan# 975

Delta R.T. -0.00 min

Lab File: BG031890.D

Acq: 3 Jan 2018 14:44

Instrument :

BNA_G

ClientSampleId :

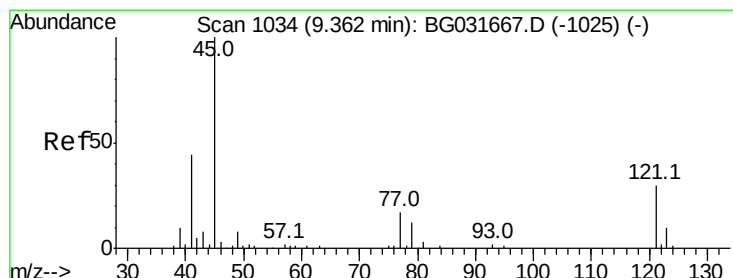
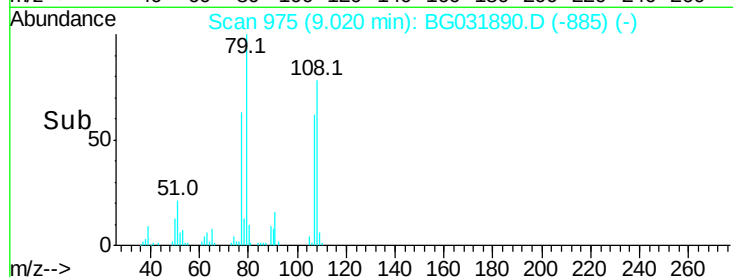
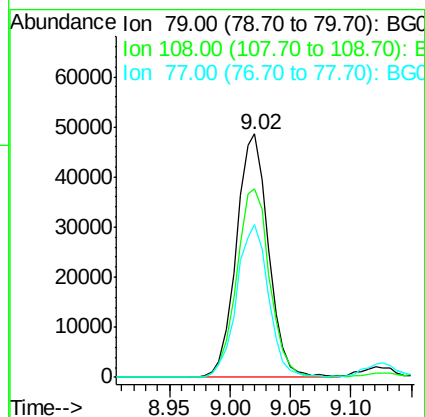
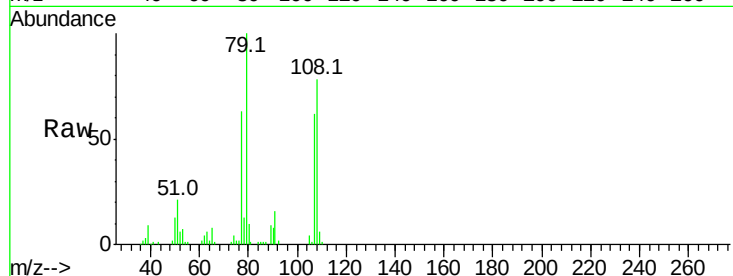
Tot Ion: 79 Resp: 90220

Ion Ratio Lower Upper

79 100

108 77.6 57.2 85.8

77 62.7 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.971 ng

RT: 9.31 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BG031890.D

Acq: 3 Jan 2018 14:44

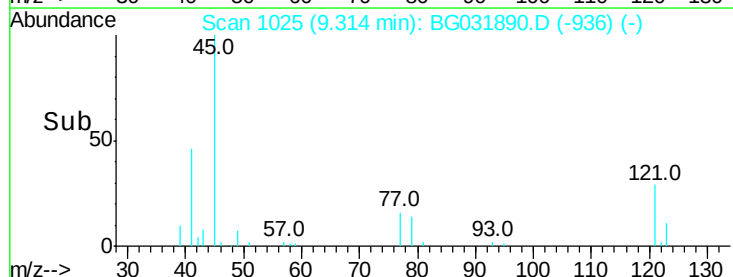
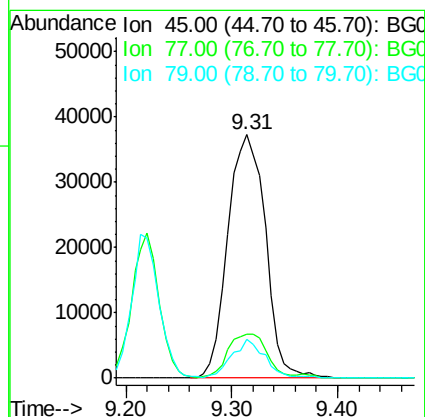
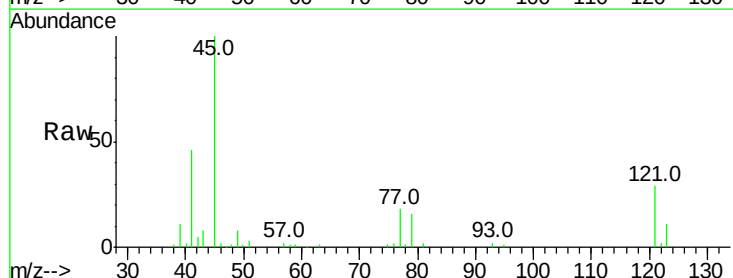
Tgt Ion: 45 Resp: 92194

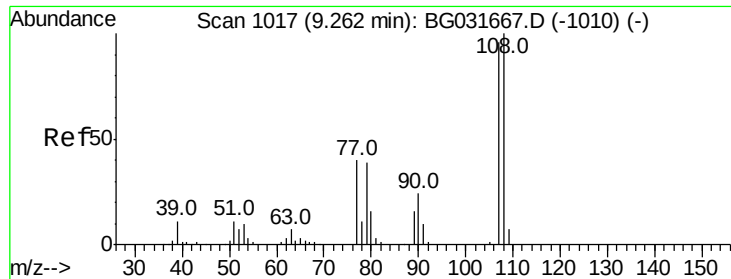
Ion Ratio Lower Upper

45 100

77 17.9 0.0 30.2

79 15.9 0.0 27.9





#17

2-Methylphenol

Concen: 37.053 ng

RT: 9.22 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BG031890.D

Acq: 3 Jan 2018 14:44

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 92737

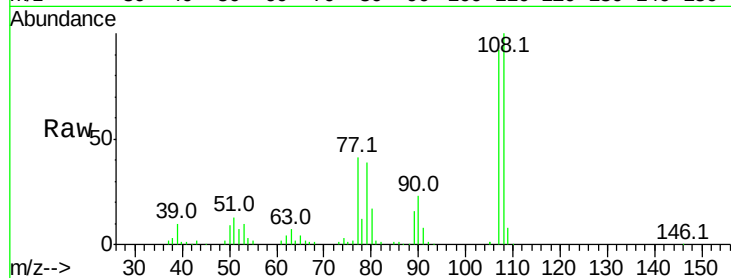
Ion Ratio Lower Upper

107 100

108 108.2 83.9 125.9

77 44.6 37.2 55.8

79 42.6 36.2 54.2

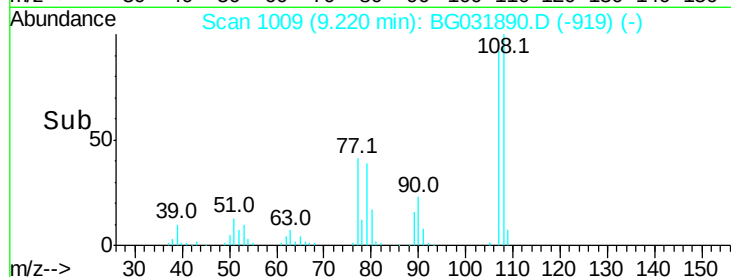


Abundance Ion 107.00 (106.70 to 107.70): E

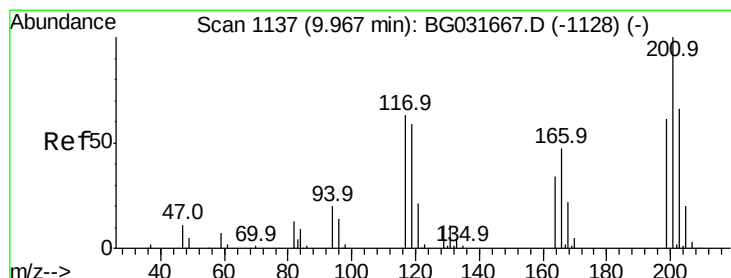
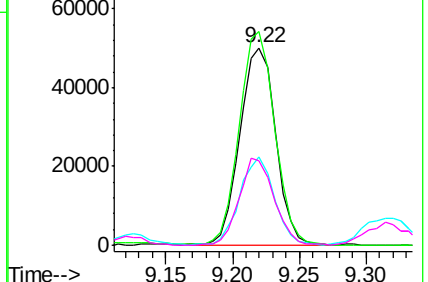
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 32.975 ng

RT: 9.91 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BG031890.D

Acq: 3 Jan 2018 14:44

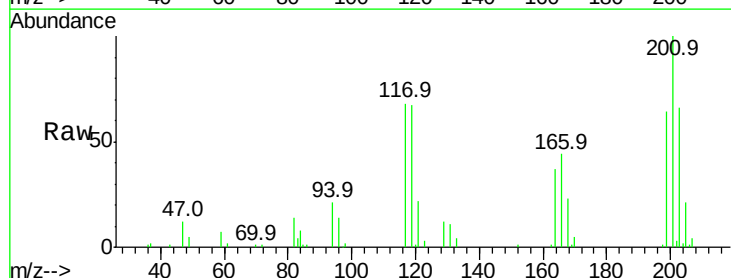
Tgt Ion:117 Resp: 39216

Ion Ratio Lower Upper

117 100

119 98.8 76.7 115.1

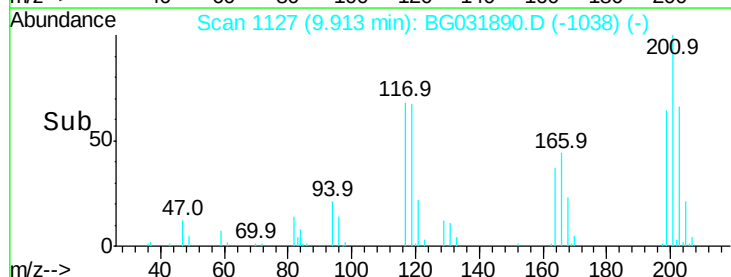
201 147.4 95.7 143.5#



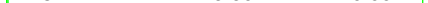
Abundance Ion 117.00 (116.70 to 117.70): E

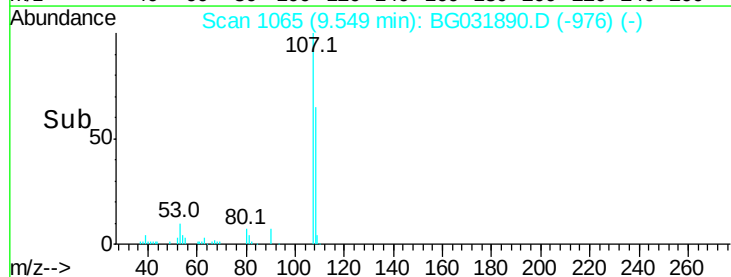
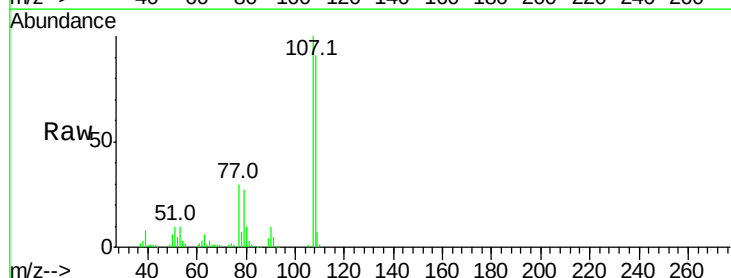
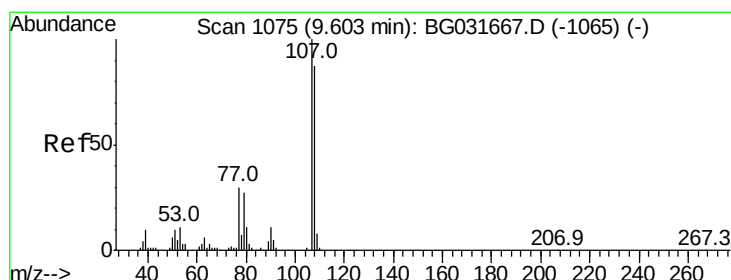
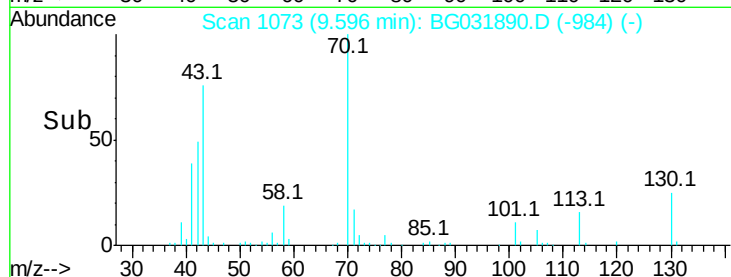
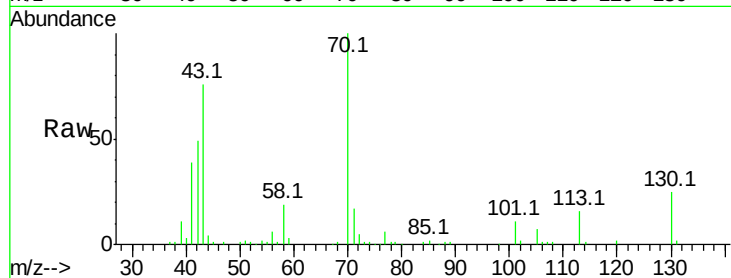
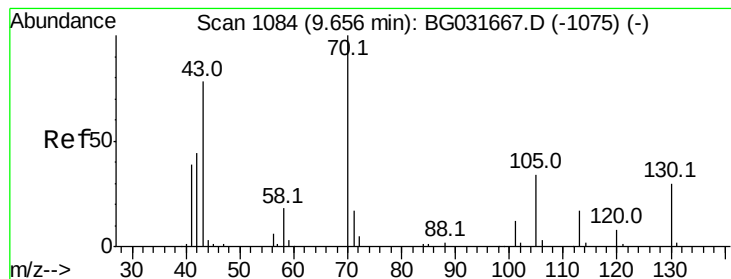
Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->





#19

n-Nitroso-di-n-propylamine

Concen: 28.812 ng

RT: 9.60 min Scan# 1073

Delta R.T. -0.01 min

Lab File: BG031890.D

Acq: 3 Jan 2018 14:44

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 68172

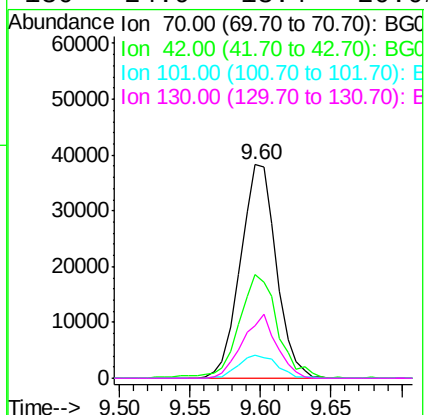
Ion Ratio Lower Upper

70 100

42 48.8 49.1 73.7#

101 10.8 8.5 12.7

130 24.9 13.4 20.0#



#20

3+4-Methylphenols

Concen: 35.638 ng

RT: 9.55 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BG031890.D

Acq: 3 Jan 2018 14:44

Tgt Ion: 107 Resp: 126770

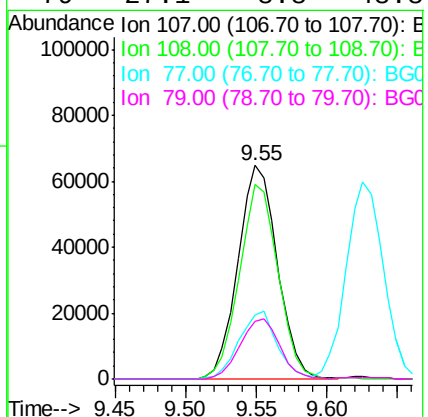
Ion Ratio Lower Upper

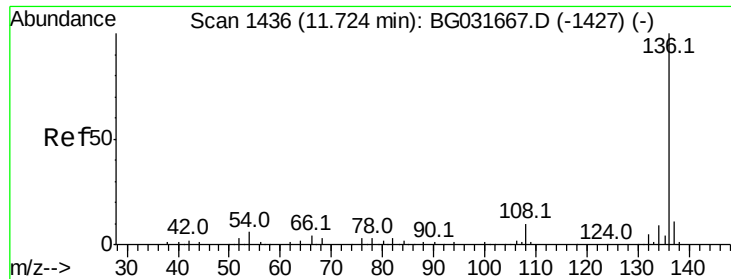
107 100

108 91.3 61.6 101.6

77 30.2 13.9 53.9

79 27.1 8.8 48.8

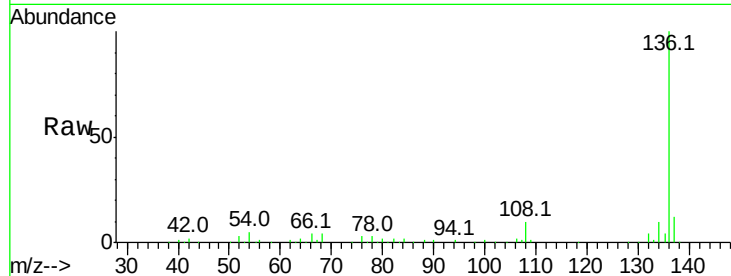




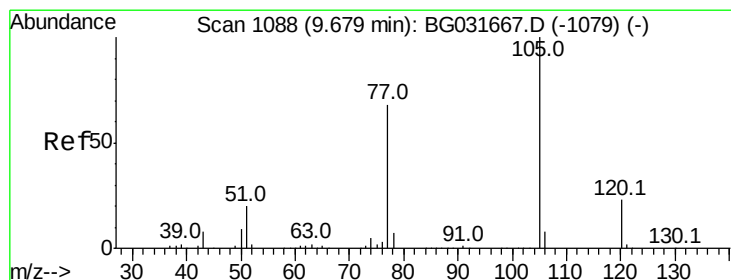
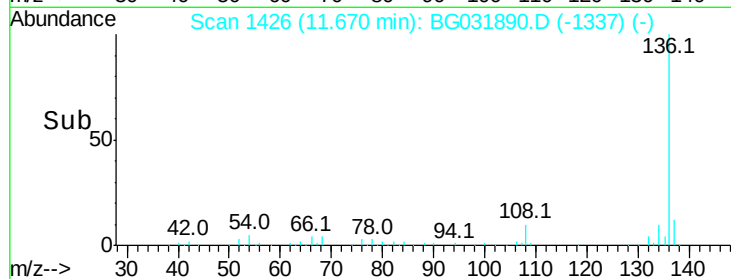
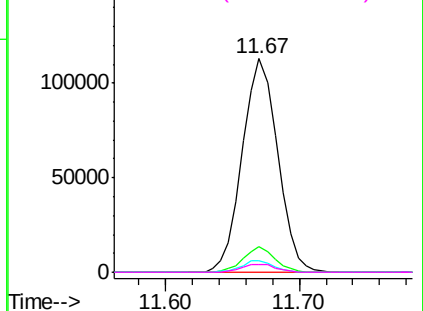
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BG031890.D
Acq: 3 Jan 2018 14:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	207463
Ion Ratio	Lower	Upper
136	100	
137	12.3	9.2 13.8
54	5.1	10.3 15.5#
68	3.6	4.5 6.7#

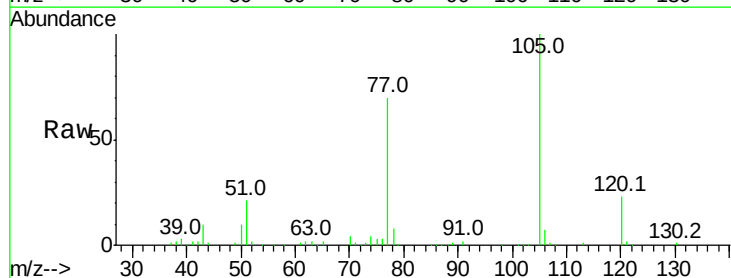


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

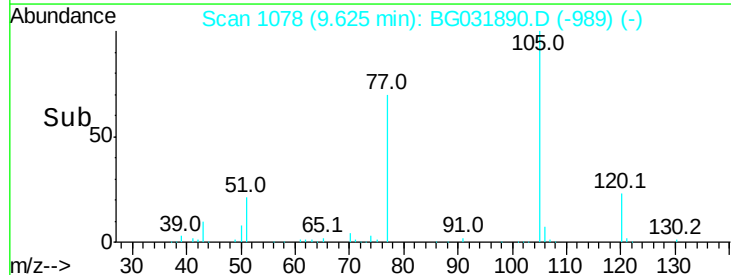
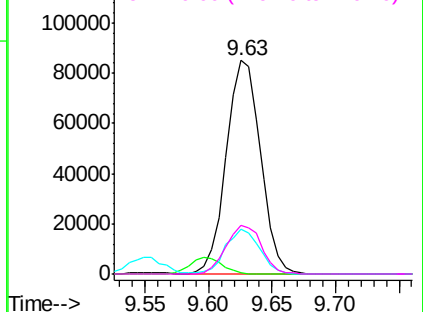


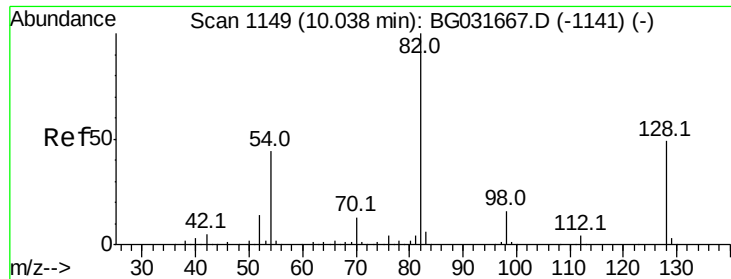
#22
Acetophenone
Concen: 32.958 ng
RT: 9.63 min Scan# 1078
Delta R.T. -0.01 min
Lab File: BG031890.D
Acq: 3 Jan 2018 14:44

Tgt Ion:105	Resp:	158857
Ion Ratio	Lower	Upper
105	100	
71	0.8	3.0 4.4#
51	20.8	26.1 39.1#
120	22.8	17.4 26.2



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

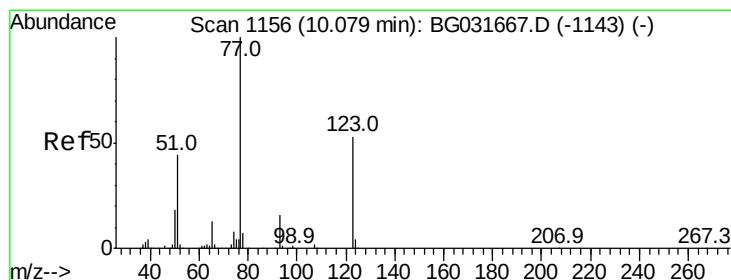
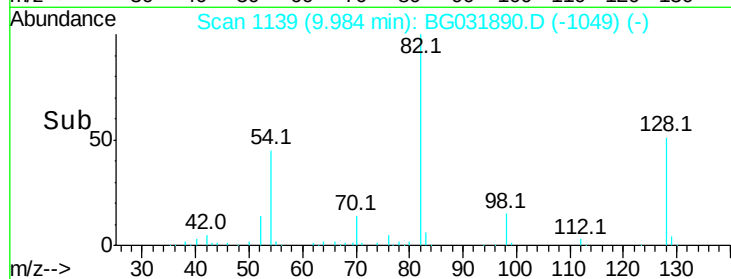
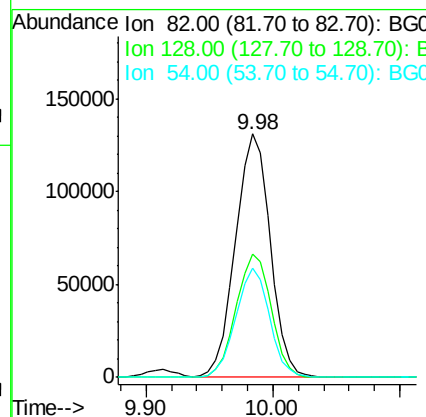
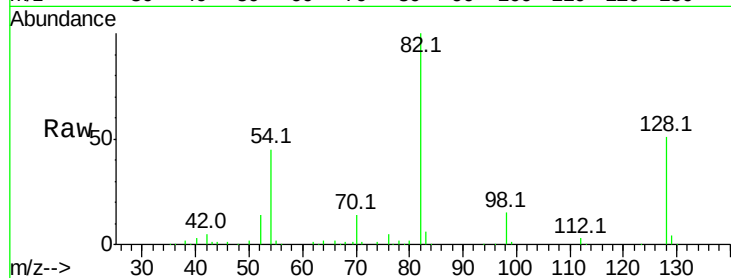




#23
 Nitrobenzene-d5
 Concen: 90.635 ng
 RT: 9.98 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: BG031890.D
 Acq: 3 Jan 2018 14:44

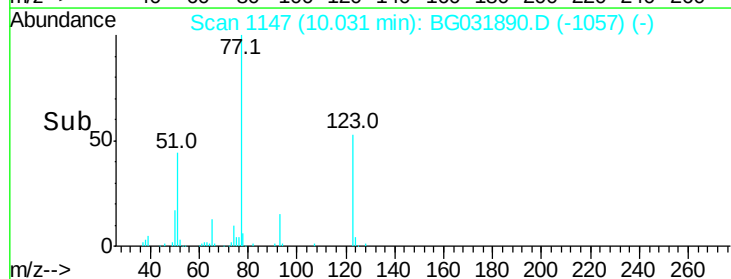
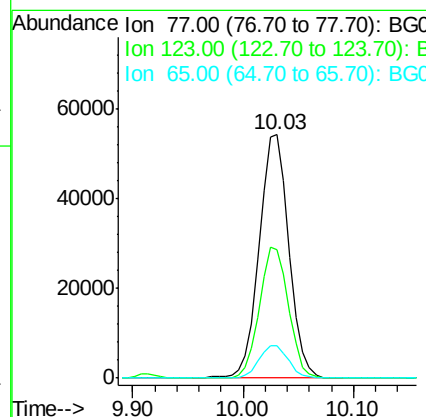
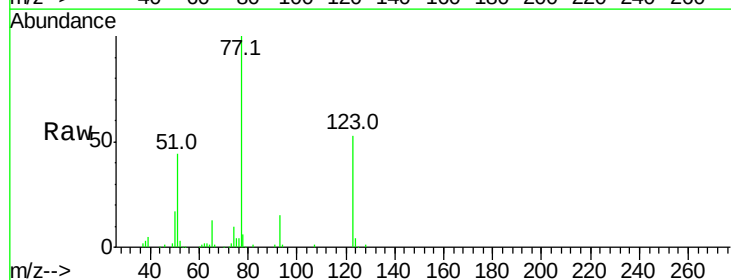
Instrument :
 BNA_G
 ClientSampleId :

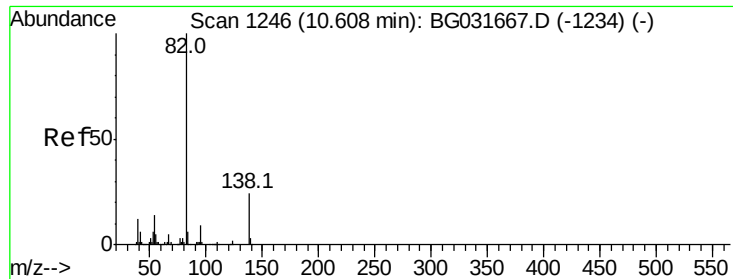
Tot Ion: 82 Resp: 249012
 Ion Ratio Lower Upper
 82 100
 128 50.8 29.7 44.5#
 54 44.7 43.1 64.7



#24
 Nitrobenzene
 Concen: 36.172 ng
 RT: 10.03 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BG031890.D
 Acq: 3 Jan 2018 14:44

Tgt Ion: 77 Resp: 102425
 Ion Ratio Lower Upper
 77 100
 123 53.0 33.0 49.6#
 65 13.3 13.0 19.6





#25

Isophorone

Concen: 32.991 ng

RT: 10.55 min Scan# 1236

Delta R.T. -0.00 min

Lab File: BG031890.D

Acq: 3 Jan 2018 14:44

Instrument :

BNA_G

ClientSampleId :

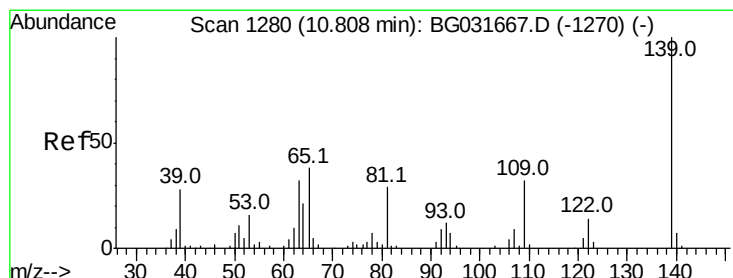
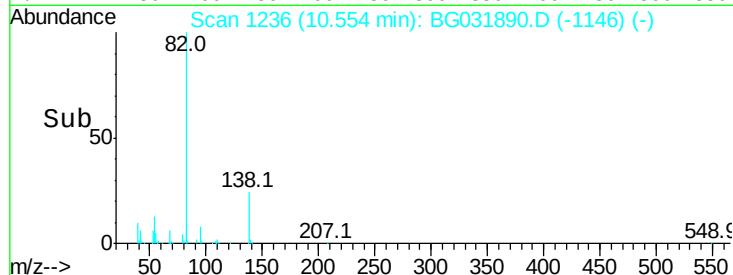
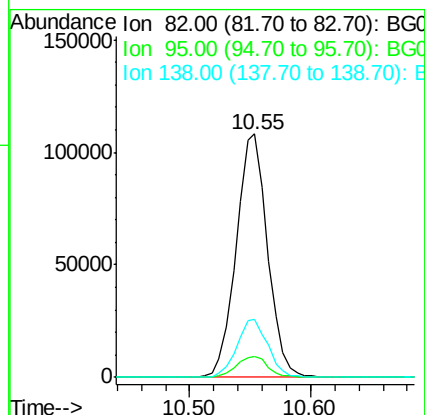
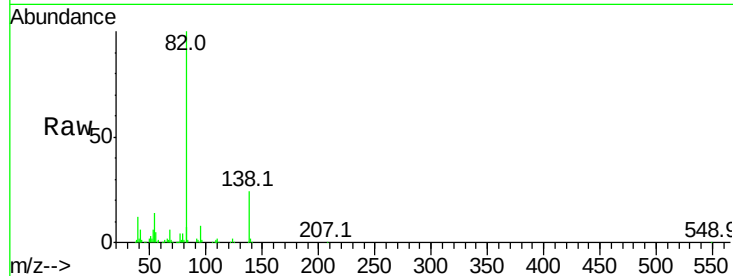
Tot Ion: 82 Resp: 195120

Ion Ratio Lower Upper

82 100

95 8.4 6.2 9.2

138 23.9 12.1 18.1#



#26

2-Nitrophenol

Concen: 44.007 ng

RT: 10.75 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BG031890.D

Acq: 3 Jan 2018 14:44

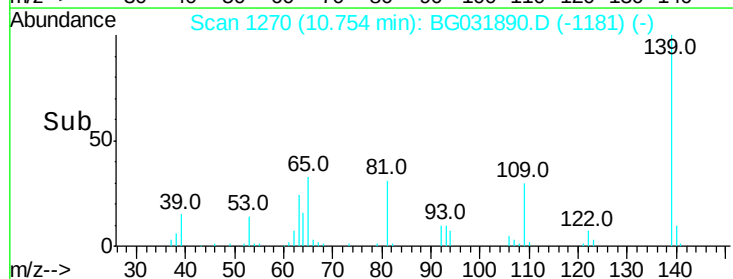
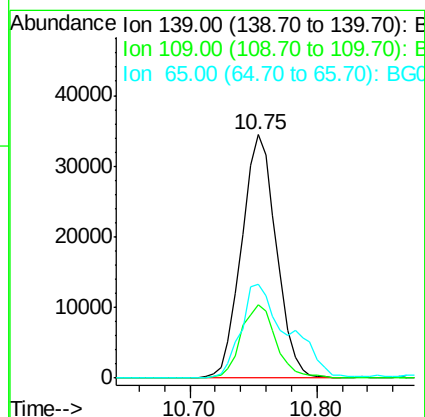
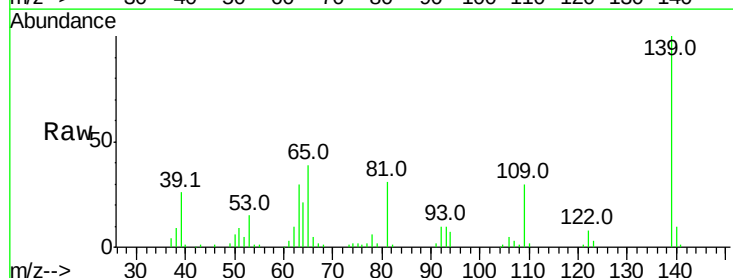
Tgt Ion: 139 Resp: 65335

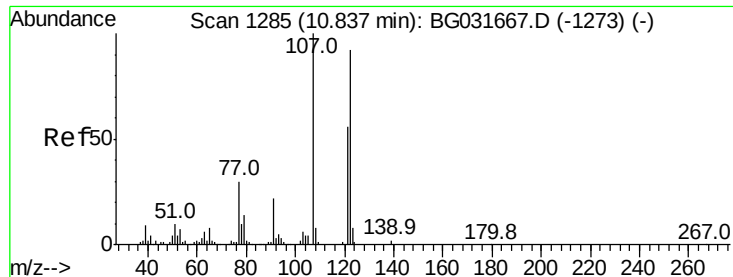
Ion Ratio Lower Upper

139 100

109 29.9 24.2 36.2

65 38.5 47.4 71.0#





#27

2,4-Dimethylphenol

Concen: 39.277 ng

RT: 10.79 min Scan# 1276

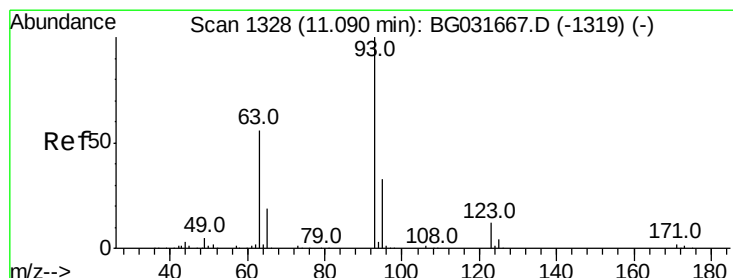
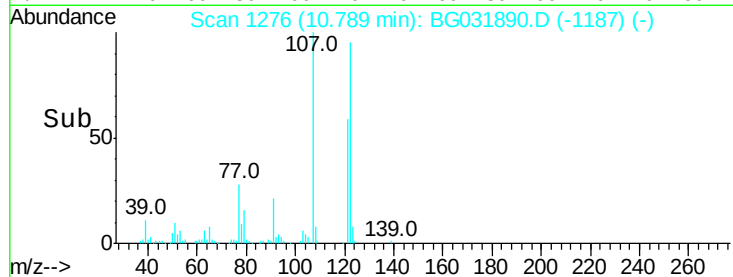
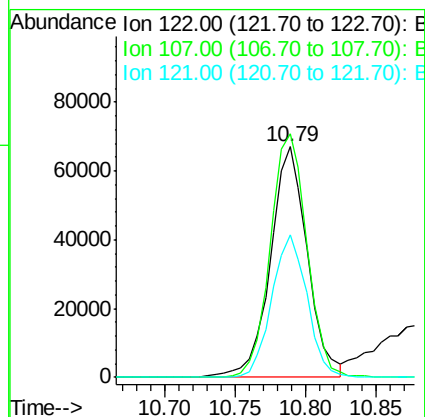
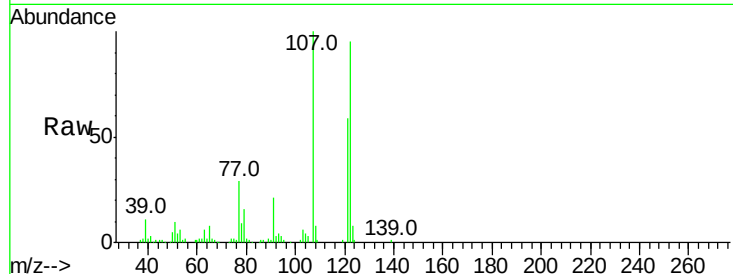
Delta R.T. -0.01 min

Lab File: BG031890.D

Acq: 3 Jan 2018 14:44

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	105.5	100.2	150.2
121	62.0	44.4	66.6



#28

bis(2-Chloroethoxy)methane

Concen: 32.197 ng

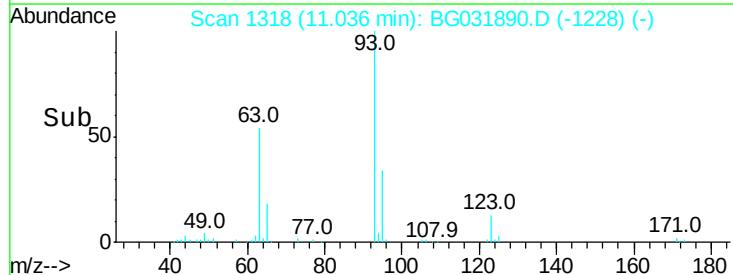
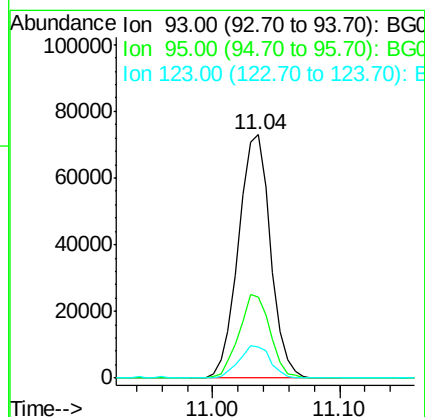
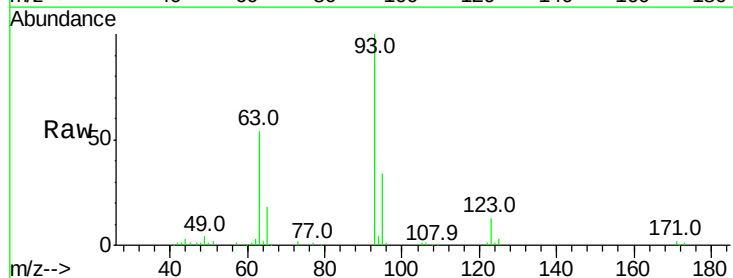
RT: 11.04 min Scan# 1318

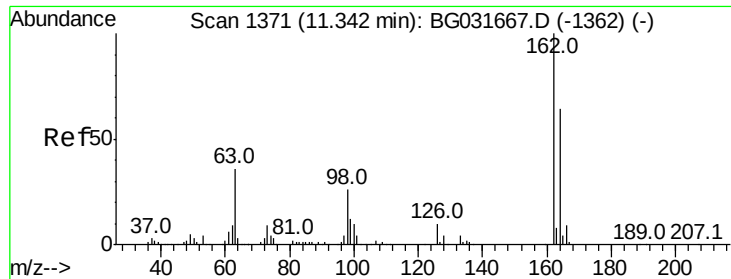
Delta R.T. -0.00 min

Lab File: BG031890.D

Acq: 3 Jan 2018 14:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	24.3	36.5
123	12.5	8.4	12.6

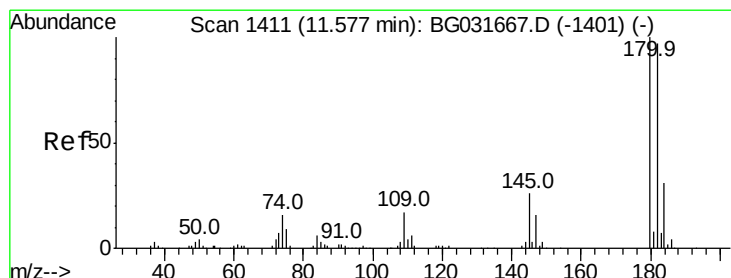
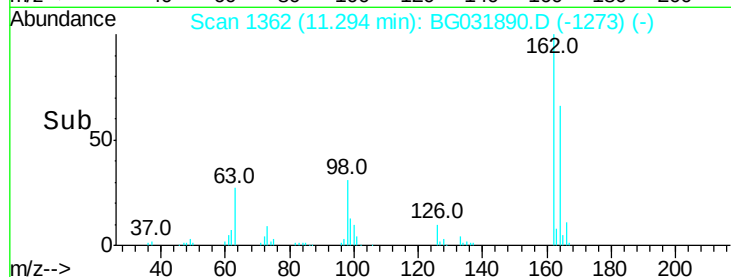
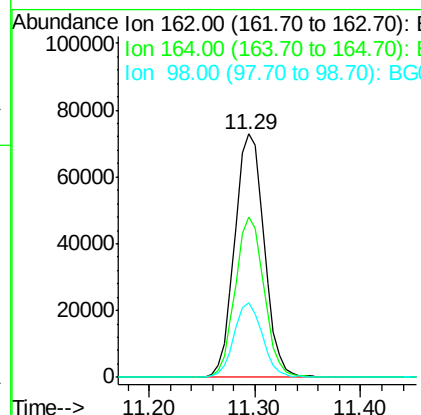
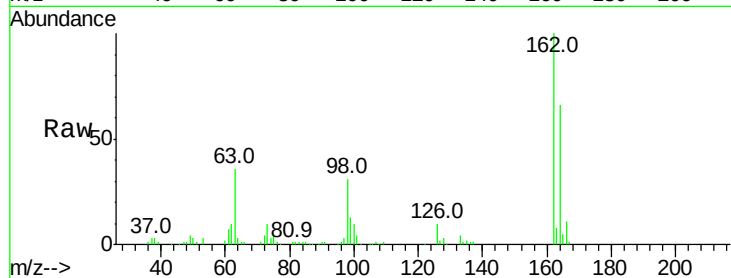




#29
 2,4-Dichlorophenol
 Concen: 38.202 ng
 RT: 11.29 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: BG031890.D
 Acq: 3 Jan 2018 14:44

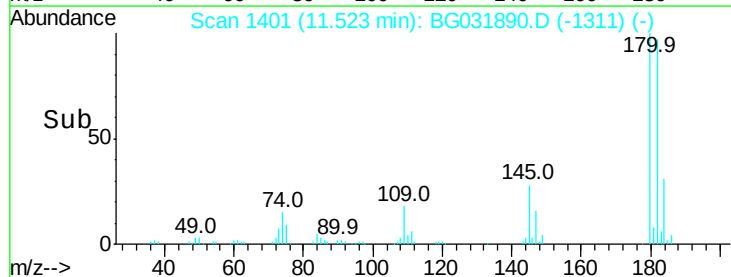
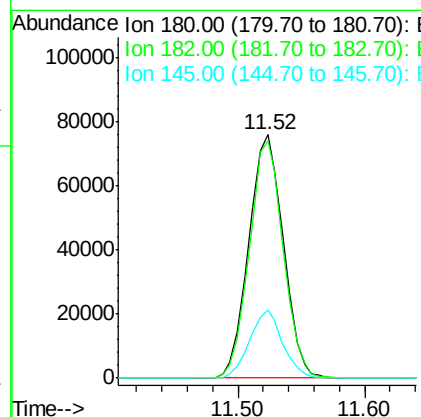
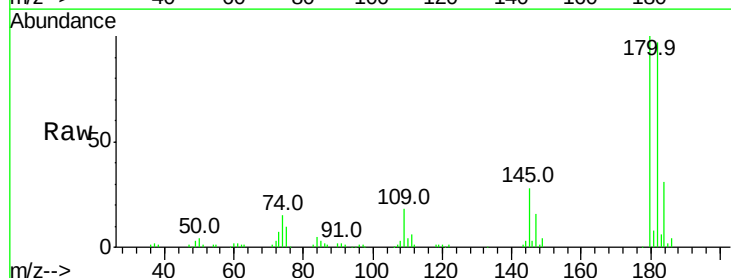
Instrument :
 BNA_G
 ClientSampled :

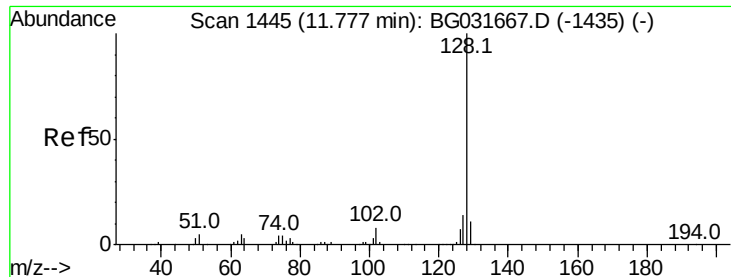
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.1	48.0	88.0
98	30.6	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 32.111 ng
 RT: 11.52 min Scan# 1401
 Delta R.T. -0.00 min
 Lab File: BG031890.D
 Acq: 3 Jan 2018 14:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	77.5	116.3
145	27.8	23.4	35.2

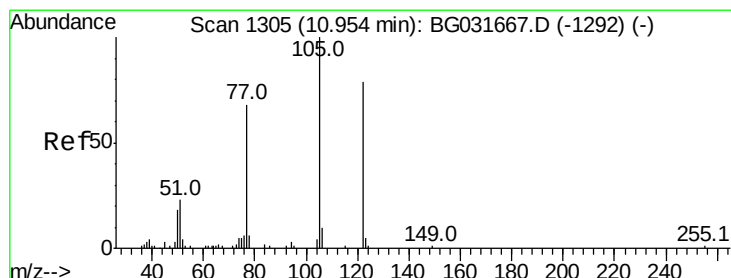
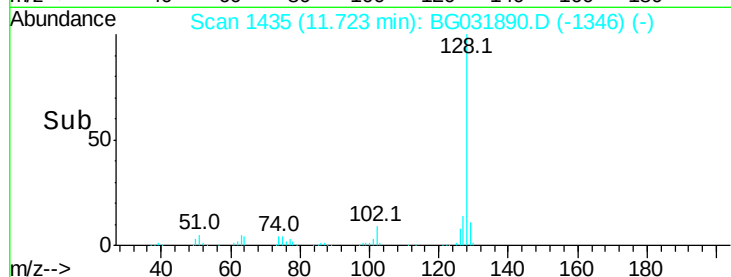
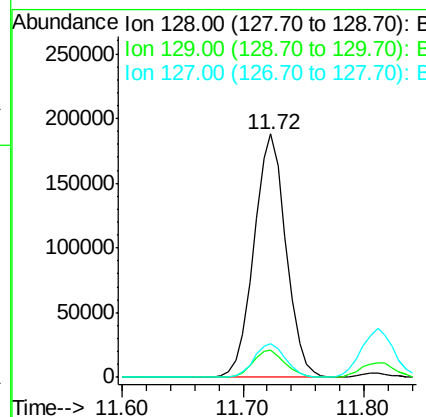
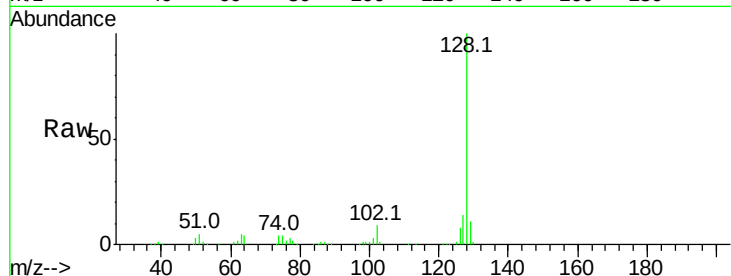




#31
Naphthalene
Concen: 33.032 ng
RT: 11.72 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BG031890.D
Acq: 3 Jan 2018 14:44

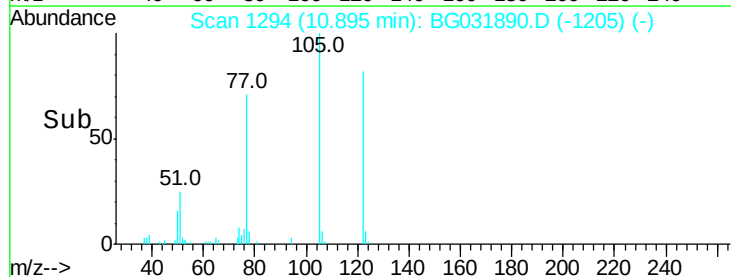
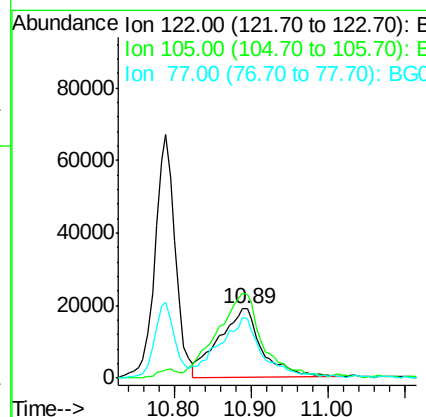
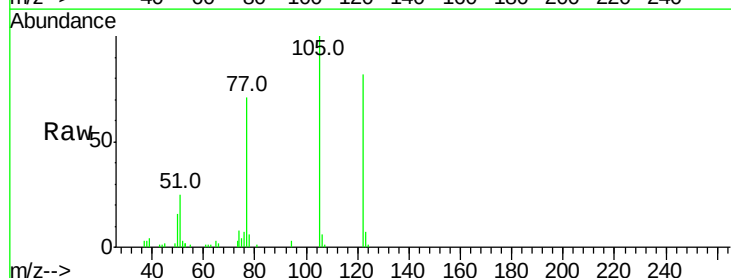
Instrument :
BNA_G
ClientSampleId :

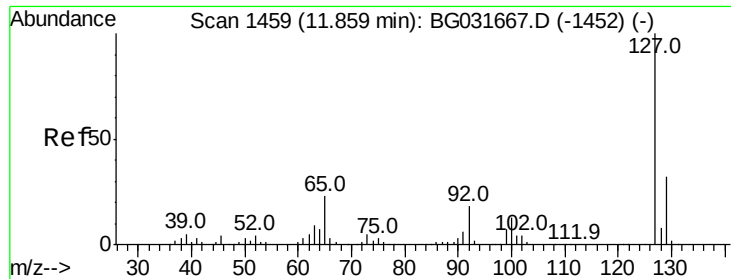
Tot Ion:128 Resp: 345847
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 13.8 11.6 17.4



#32
Benzoic acid
Concen: 36.342 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BG031890.D
Acq: 3 Jan 2018 14:44

Tgt Ion:122 Resp: 73398
Ion Ratio Lower Upper
122 100
105 121.6 123.5 163.5#
77 86.7 85.7 125.7

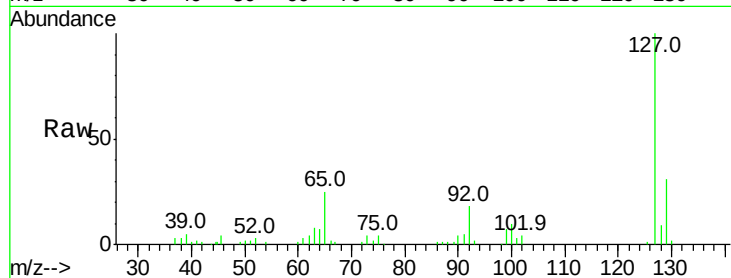




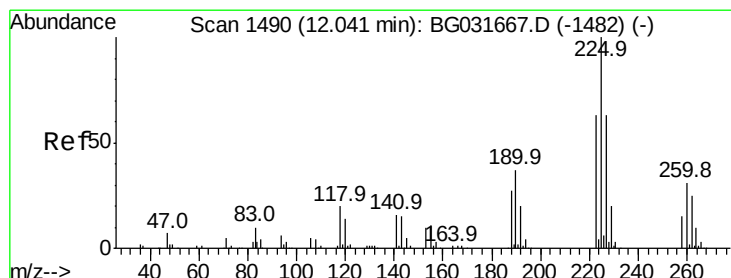
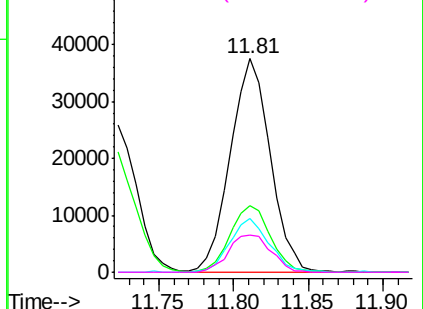
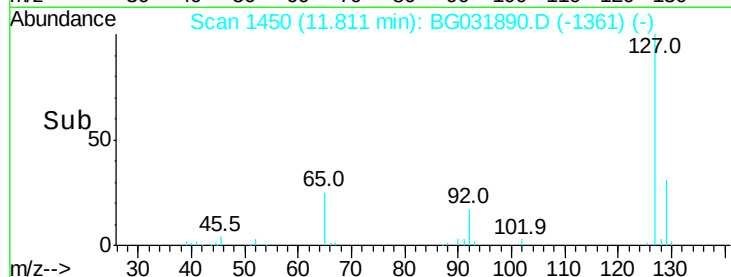
#33
4-Chloroaniline
Concen: 15.029 ng
RT: 11.81 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BG031890.D
Acq: 3 Jan 2018 14:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	70057
Ion	Ratio	Lower	Upper
127	100		
129	31.1	24.0	36.0
65	25.1	27.0	40.4
92	17.5	16.6	25.0

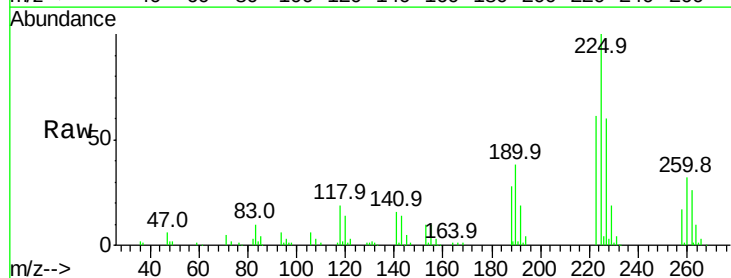


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

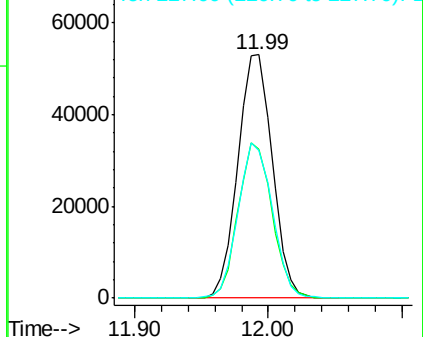
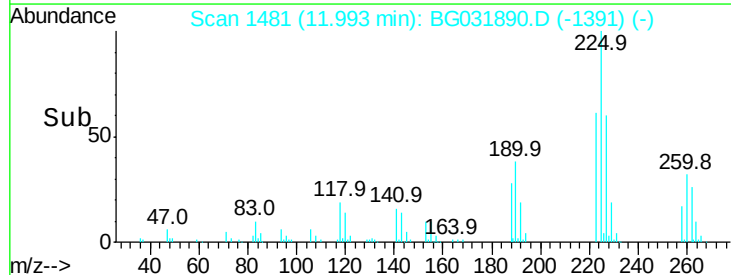


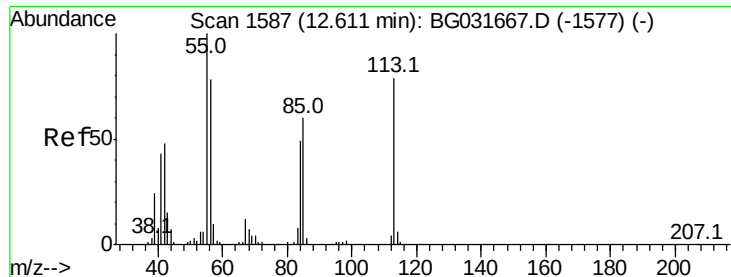
#34
Hexachlorobutadiene
Concen: 30.886 ng
RT: 11.99 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BG031890.D
Acq: 3 Jan 2018 14:44

Tgt Ion:	225	Resp:	94955
Ion	Ratio	Lower	Upper
225	100		
223	61.3	49.7	74.5
227	60.5	48.1	72.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 41.023 ng

RT: 12.56 min Scan# 1577

Delta R.T. -0.02 min

Lab File: BG031890.D

Acq: 3 Jan 2018 14:44

Instrument :

BNA_G

ClientSampleId :

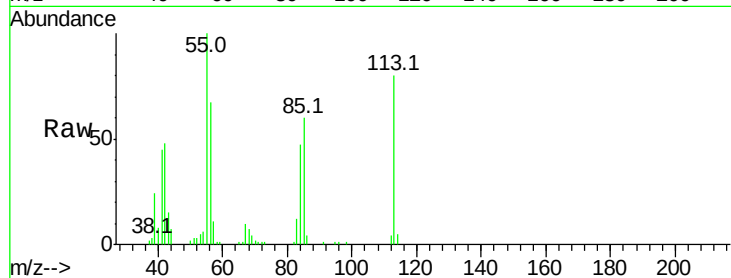
Tot Ion:113 Resp: 45606

Ion Ratio Lower Upper

113 100

55 124.5 186.9 226.9#

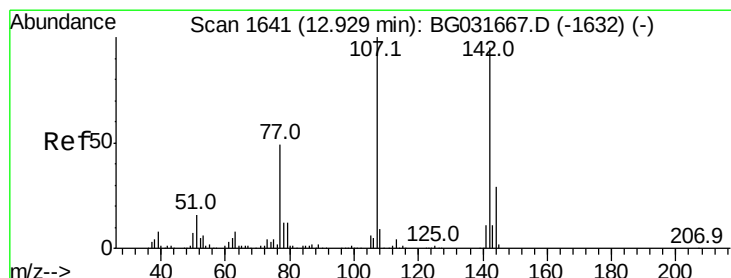
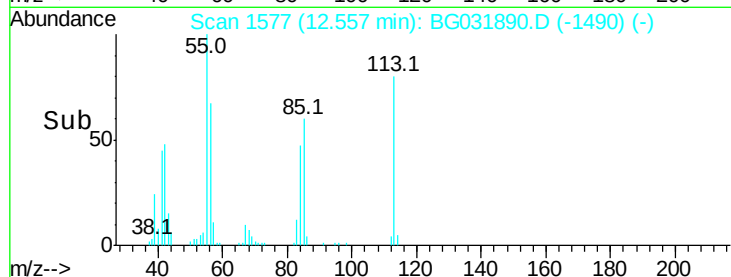
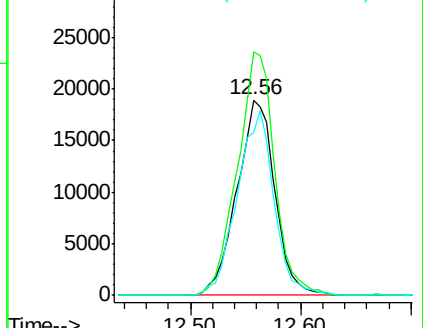
56 83.6 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 38.326 ng

RT: 12.88 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BG031890.D

Acq: 3 Jan 2018 14:44

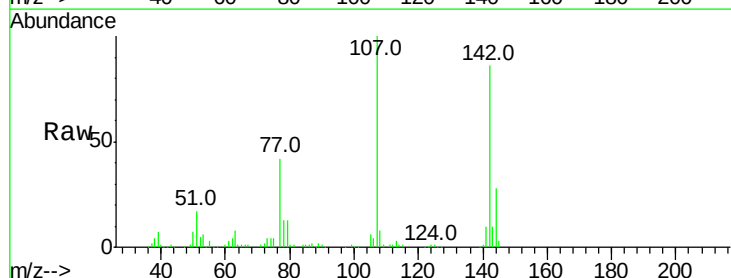
Tgt Ion:107 Resp: 129819

Ion Ratio Lower Upper

107 100

144 27.6 18.2 27.4#

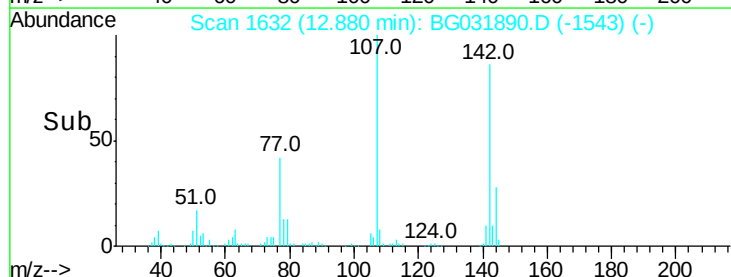
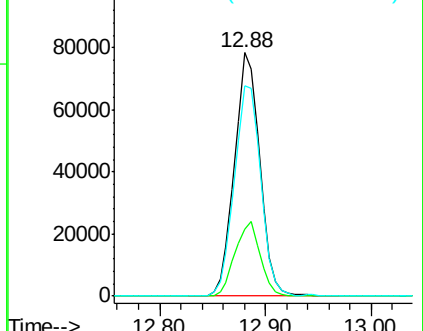
142 86.2 59.0 88.4

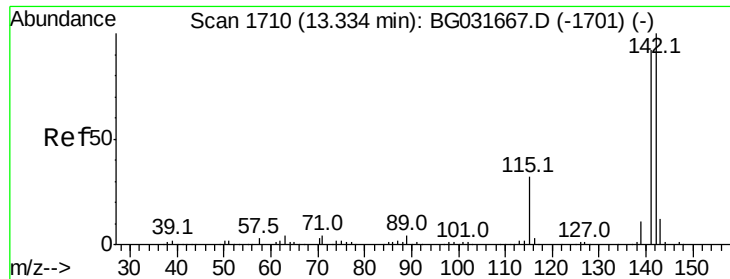


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

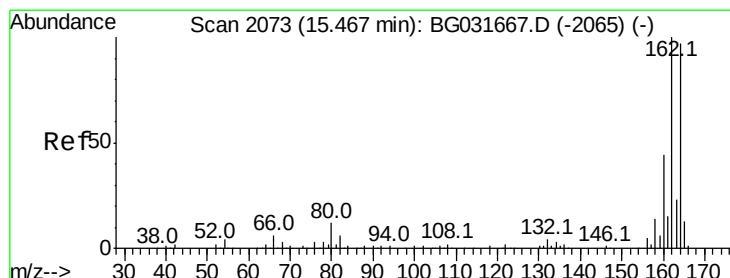
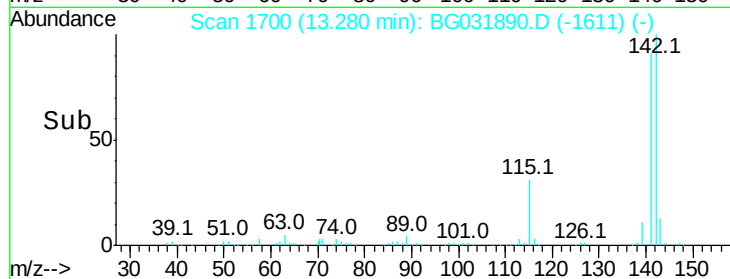
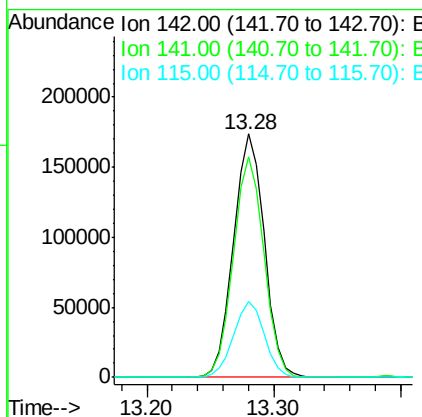
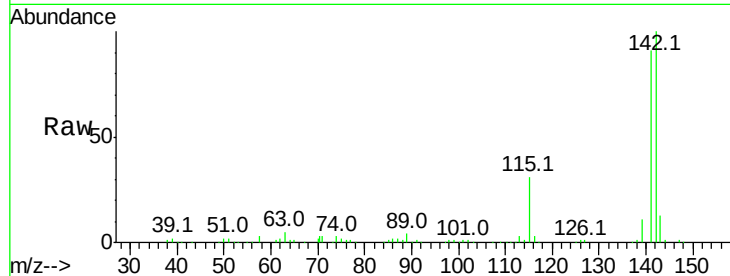




#37
 2-Methylnaphthalene
 Concen: 34.402 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BG031890.D
 Acq: 3 Jan 2018 14:44

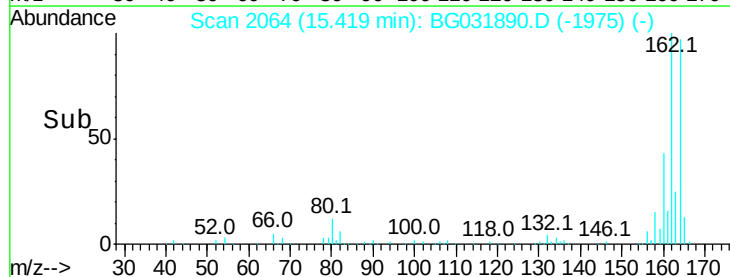
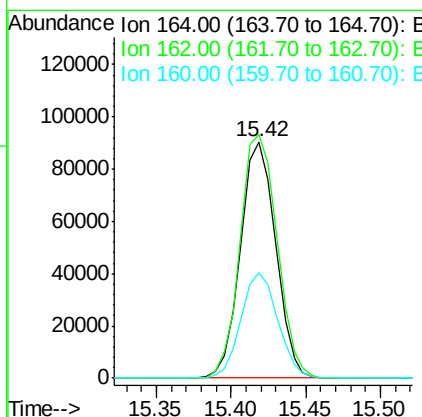
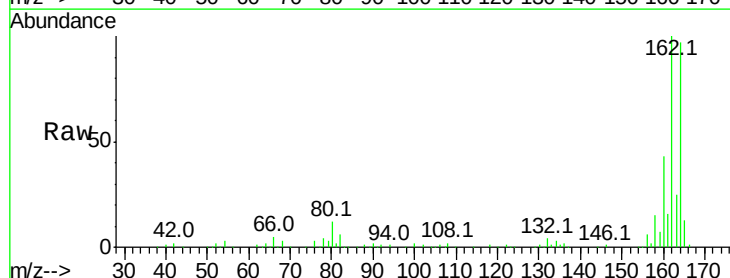
Instrument :
 BNA_G
 ClientSampleId :

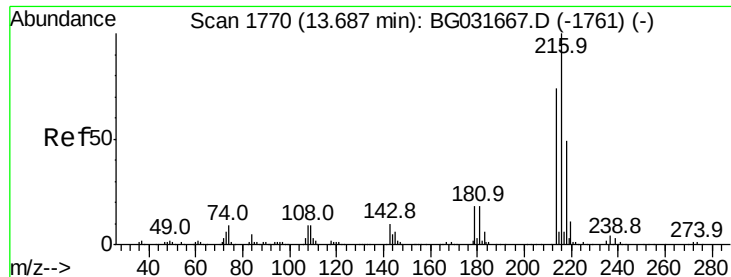
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	67.1	100.7
115	31.4	30.7	46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: BG031890.D
 Acq: 3 Jan 2018 14:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	78.8	118.2
160	44.4	35.4	53.0

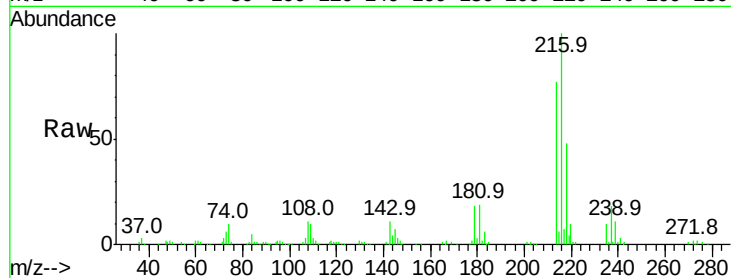




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.089 ng
 RT: 13.63 min Scan# 1760
 Delta R.T. -0.01 min
 Lab File: BG031890.D
 Acq: 3 Jan 2018 14:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
216	100		
214	77.3	63.0	94.4
179	18.4	17.0	25.6
108	12.2	12.8	19.2#

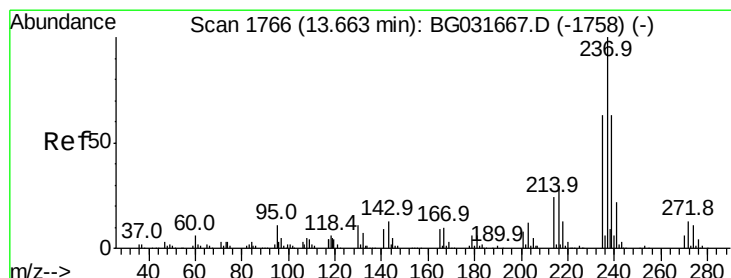
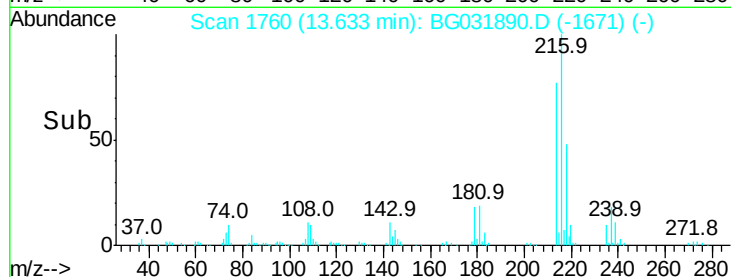
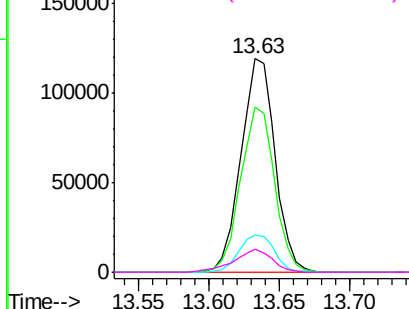


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

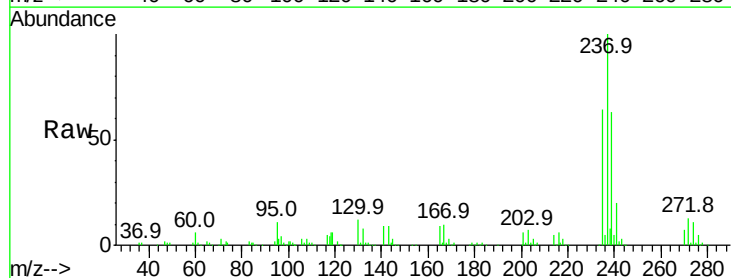
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 70.979 ng
 RT: 13.61 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG031890.D
 Acq: 3 Jan 2018 14:44

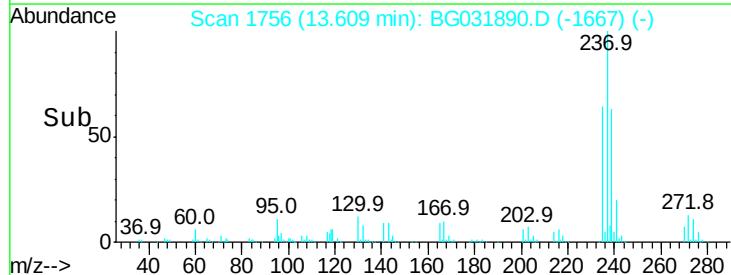
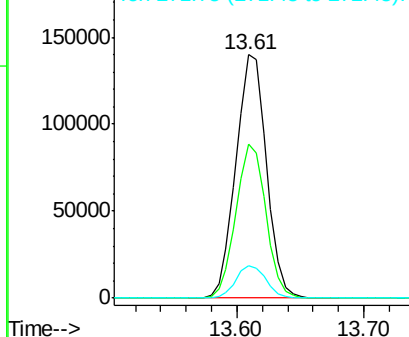
Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.5	50.4	90.4
272	13.2	0.0	31.8

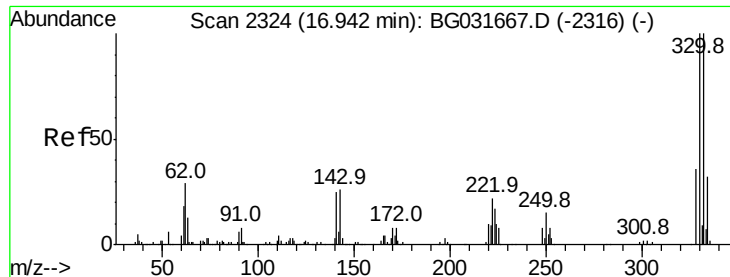


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

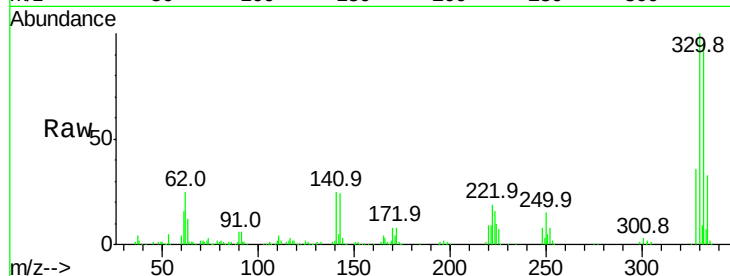




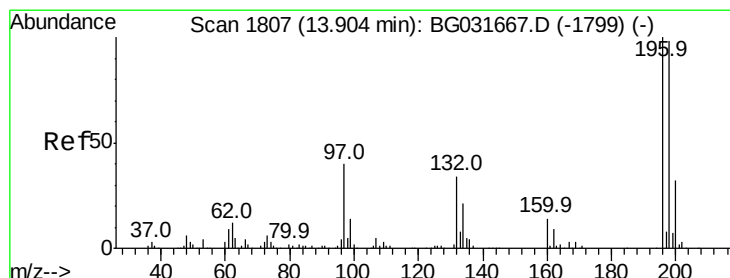
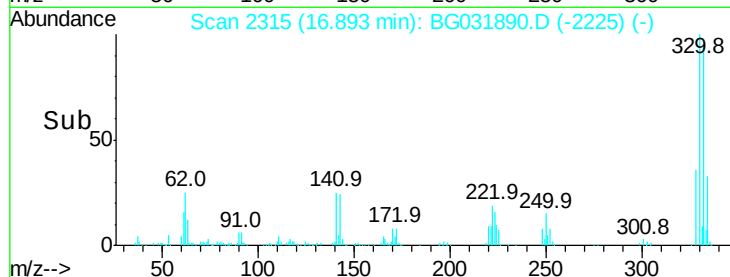
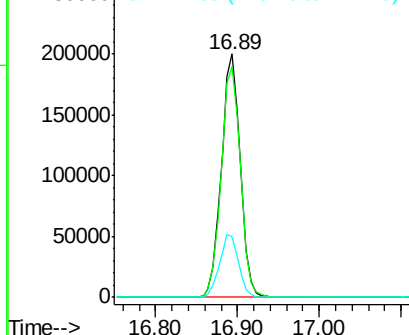
#41
 2,4,6-Tribromophenol
 Concen: 141.662 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. -0.00 min
 Lab File: BG031890.D
 Acq: 3 Jan 2018 14:44

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 320323
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 26.2 25.2 37.8

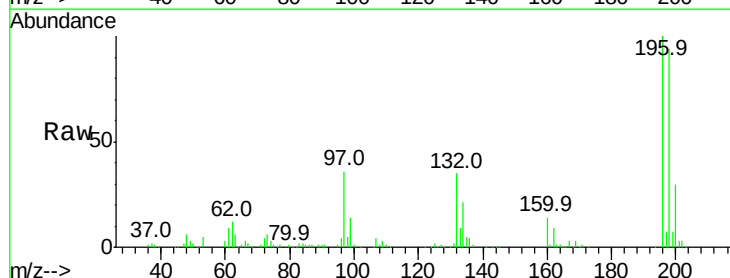


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

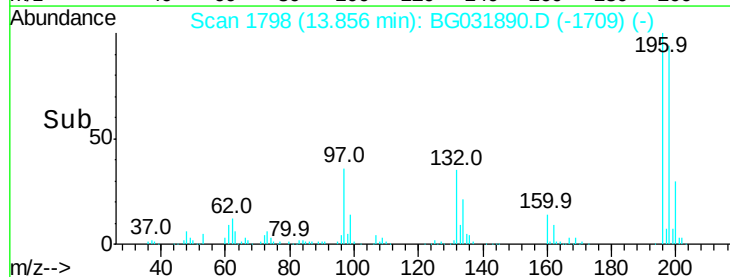
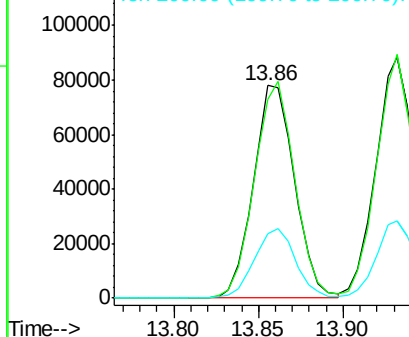


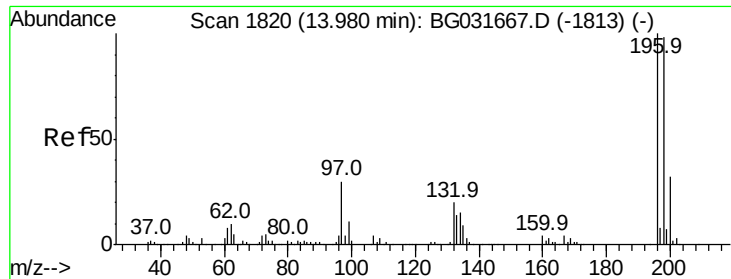
#42
 2,4,6-Trichlorophenol
 Concen: 36.705 ng
 RT: 13.86 min Scan# 1798
 Delta R.T. -0.01 min
 Lab File: BG031890.D
 Acq: 3 Jan 2018 14:44

Tgt Ion:196 Resp: 132096
 Ion Ratio Lower Upper
 196 100
 198 93.6 78.2 117.2
 200 30.4 24.6 36.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

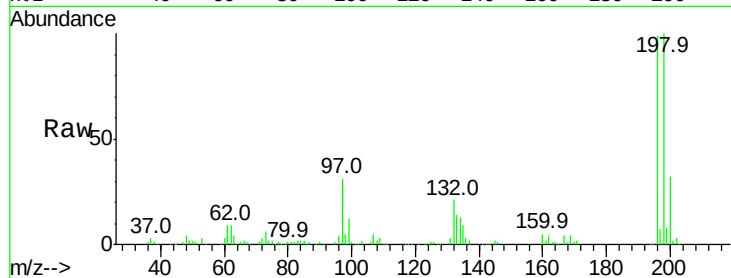




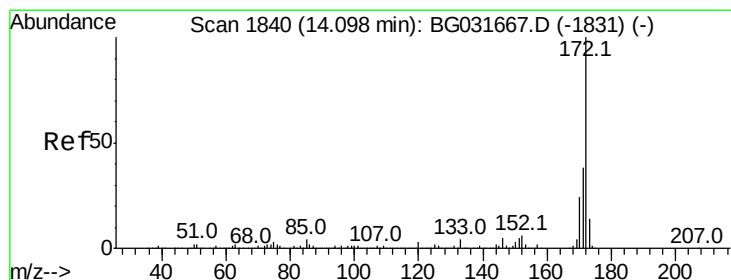
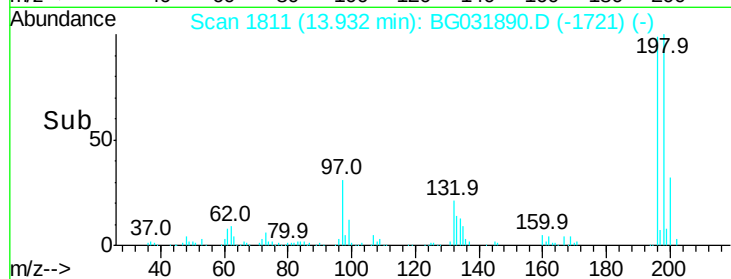
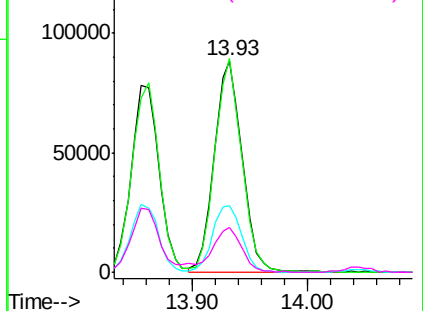
#43
 2,4,5-Trichlorophenol
 Concen: 36.999 ng
 RT: 13.93 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: BG031890.D
 Acq: 3 Jan 2018 14:44

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:	196	Resp:	147562
Ion	Ratio	Lower	Upper
196	100		
198	100.9	76.2	114.4
97	31.6	38.7	58.1#
132	21.2	20.2	30.2

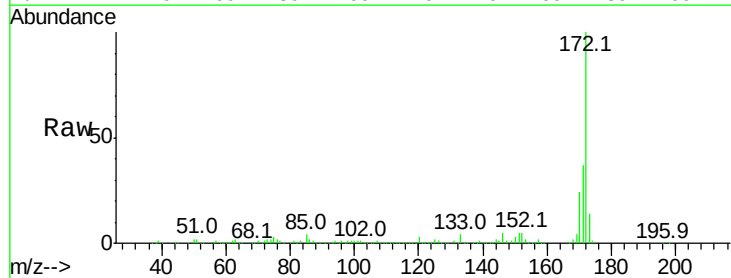


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

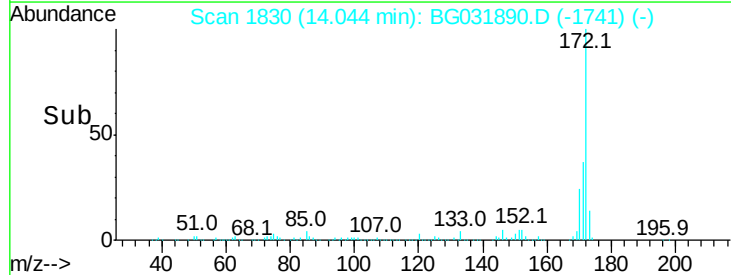
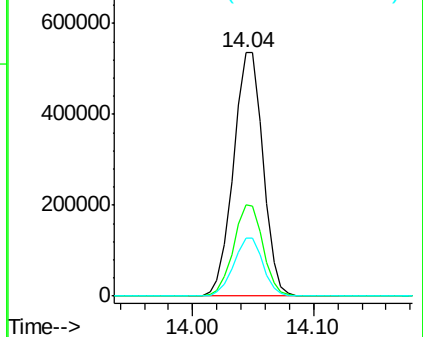


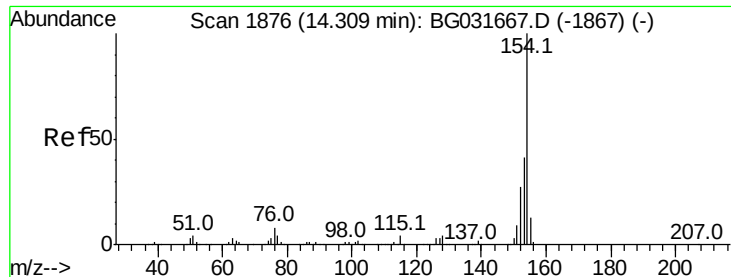
#44
 2-Fluorobiphenyl
 Concen: 77.467 ng
 RT: 14.04 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BG031890.D
 Acq: 3 Jan 2018 14:44

Tgt Ion:	172	Resp:	914630
Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	24.1	19.5	29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 33.111 ng

RT: 14.26 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BG031890.D

Acq: 3 Jan 2018 14:44

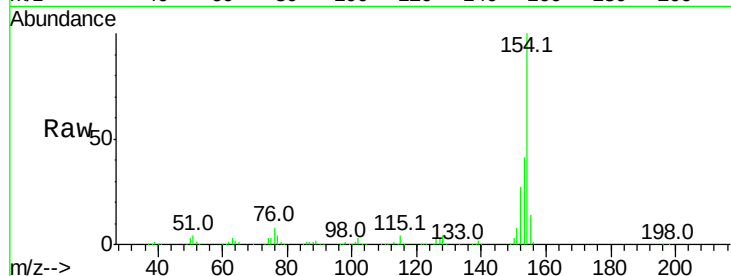
Instrument :

BNA_G

ClientSampleId :

Tot Ion:154 Resp: 419080

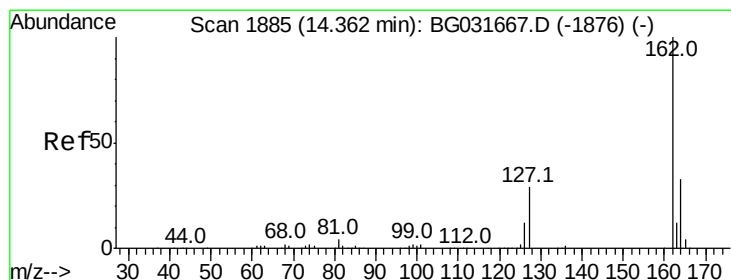
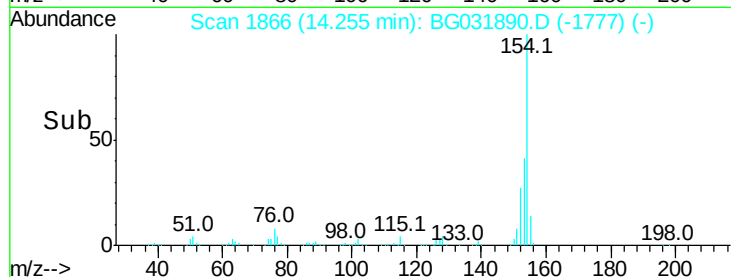
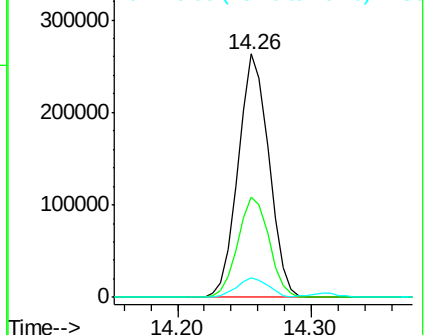
Ion	Ratio	Lower	Upper
154	100		
153	41.2	19.8	59.8
76	8.1	0.0	31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): B



#46

2-Chloronaphthalene

Concen: 32.827 ng

RT: 14.31 min Scan# 1875

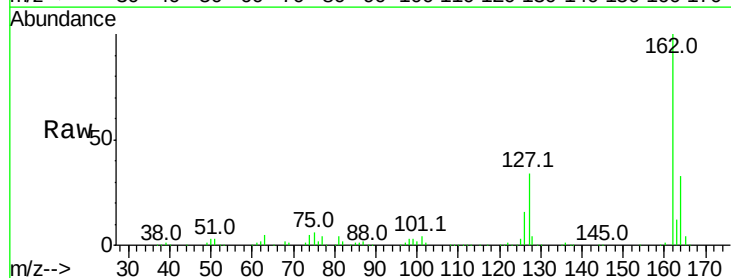
Delta R.T. -0.01 min

Lab File: BG031890.D

Acq: 3 Jan 2018 14:44

Tgt Ion:162 Resp: 316915

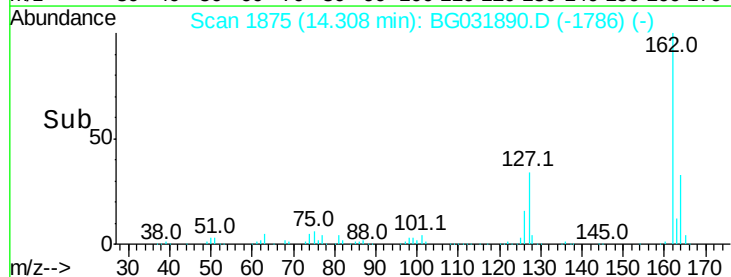
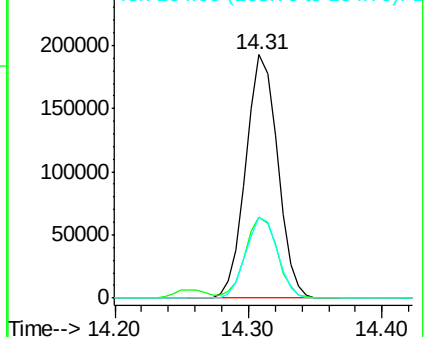
Ion	Ratio	Lower	Upper
162	100		
127	33.5	30.7	46.1
164	33.3	26.0	39.0

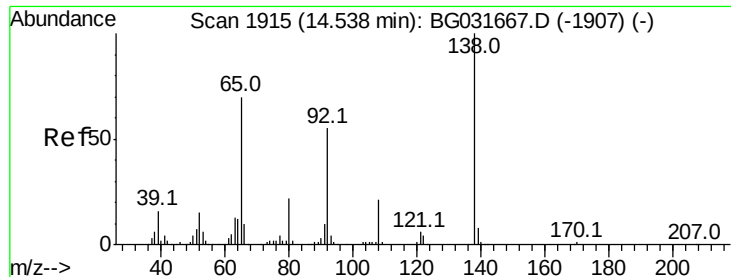


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

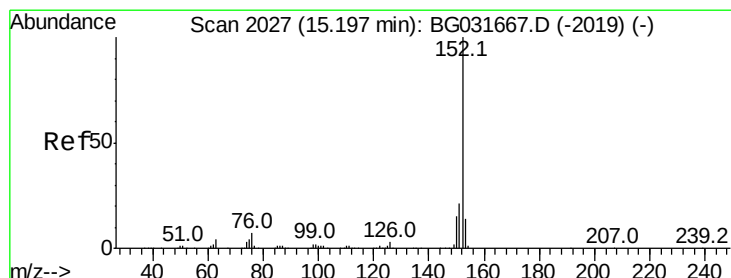
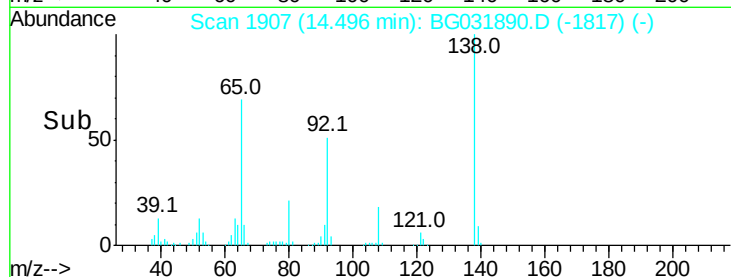
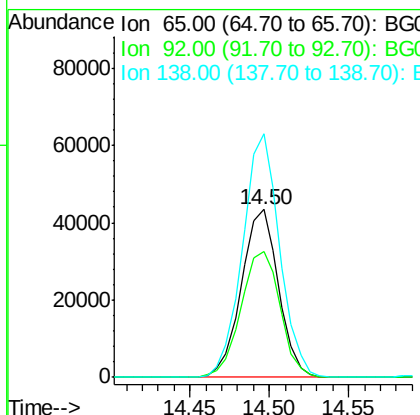
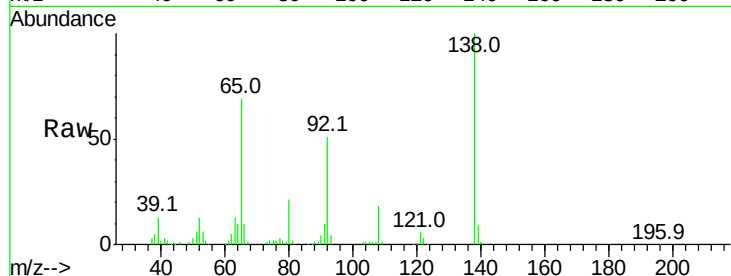




#47
2-Nitroaniline
Concen: 42.232 ng
RT: 14.50 min Scan# 1907
Delta R.T. -0.00 min
Lab File: BG031890.D
Acq: 3 Jan 2018 14:44

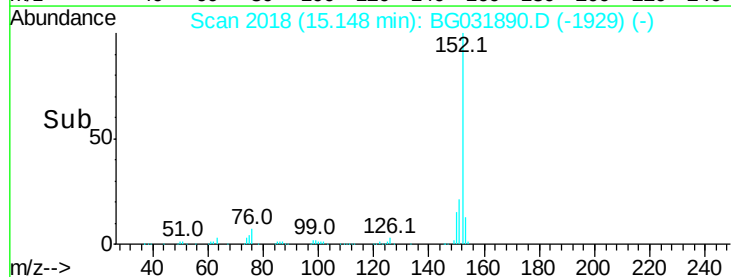
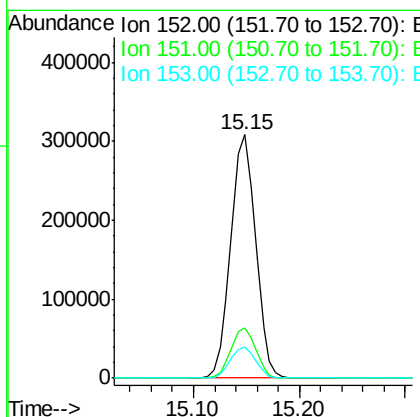
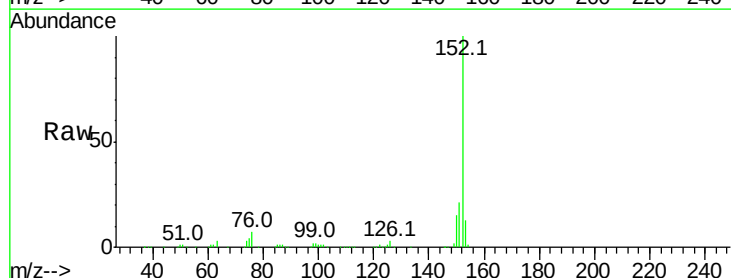
Instrument :
BNA_G
ClientSampled :

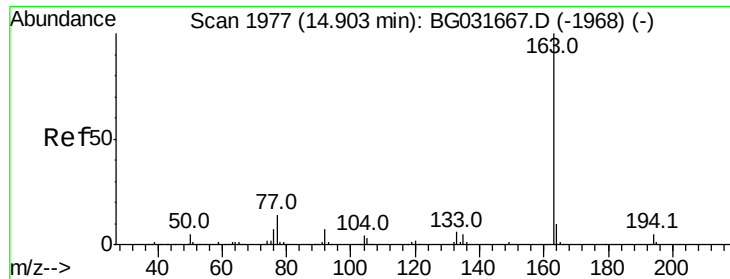
Tot Ion: 65 Resp: 70415
Ion Ratio Lower Upper
65 100
92 74.6 54.6 82.0
138 144.9 72.9 109.3#



#48
Acenaphthylene
Concen: 32.446 ng
RT: 15.15 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG031890.D
Acq: 3 Jan 2018 14:44

Tgt Ion: 152 Resp: 501122
Ion Ratio Lower Upper
152 100
151 20.8 17.2 25.8
153 12.7 10.2 15.4





#49

Dimethylphthalate

Concen: 33.318 ng

RT: 14.85 min Scan# 1967

Delta R.T. -0.00 min

Lab File: BG031890.D

Acq: 3 Jan 2018 14:44

Instrument :

BNA_G

ClientSampleId :

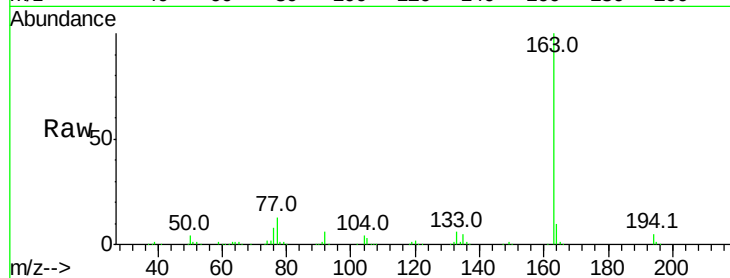
Tot Ion:163 Resp: 434967

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.2

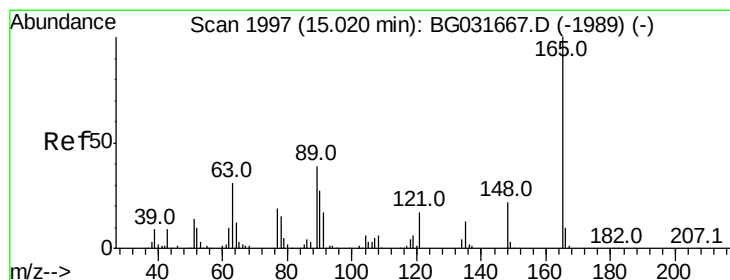
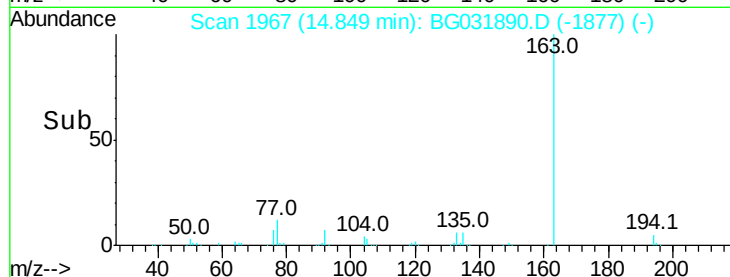
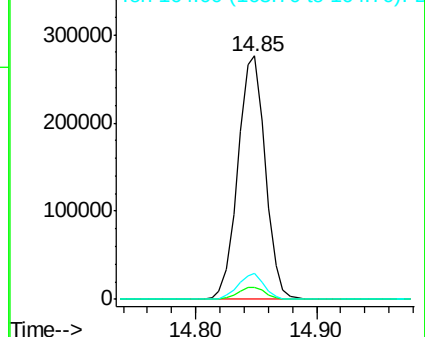
164 10.4 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.491 ng

RT: 14.97 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BG031890.D

Acq: 3 Jan 2018 14:44

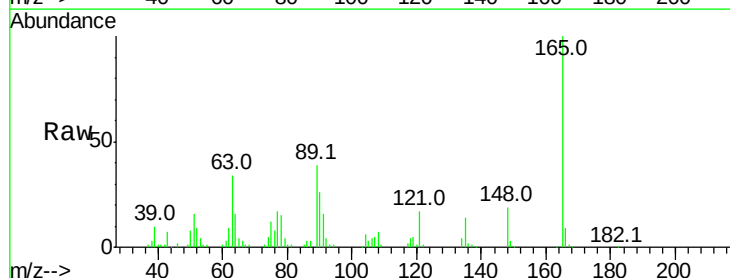
Tgt Ion:165 Resp: 97244

Ion Ratio Lower Upper

165 100

63 34.3 52.7 79.1#

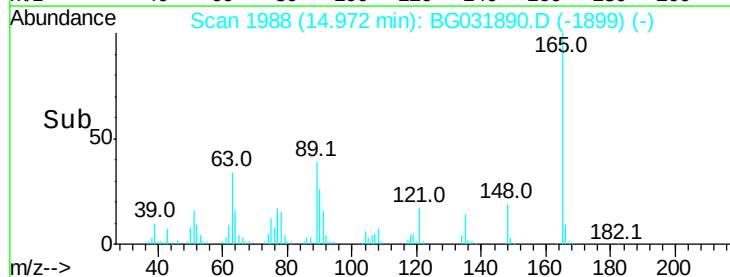
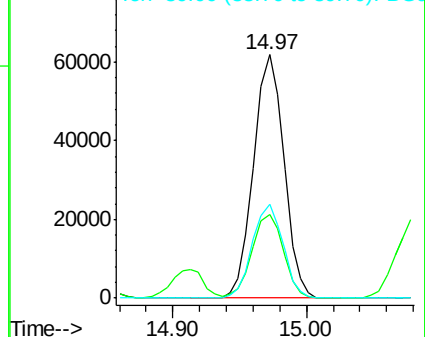
89 38.6 49.2 73.8#

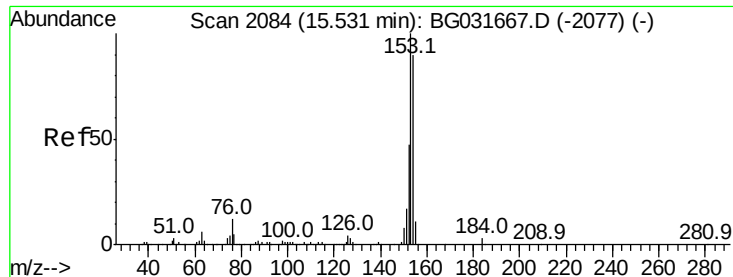


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 35.370 ng

RT: 15.48 min Scan# 2075

Delta R.T. -0.01 min

Lab File: BG031890.D

Acq: 3 Jan 2018 14:44

Instrument :

BNA_G

ClientSampleId :

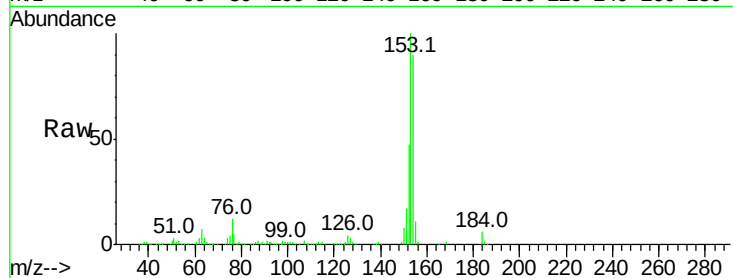
Tot Ion:154 Resp: 357778

Ion Ratio Lower Upper

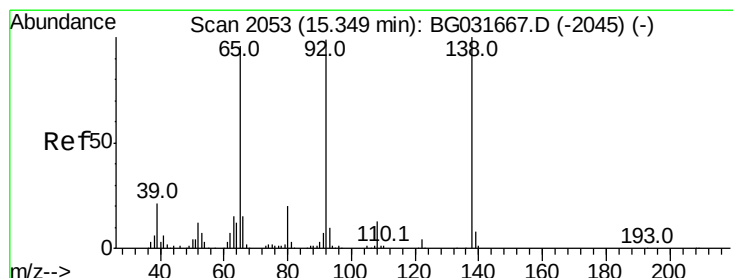
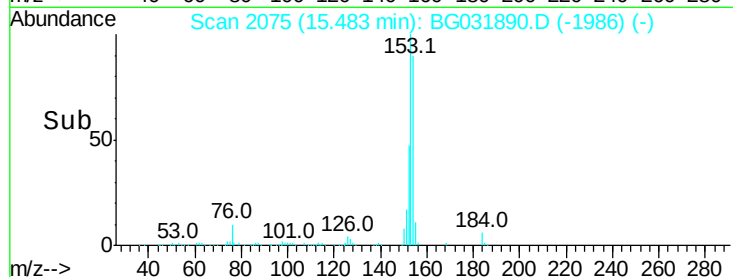
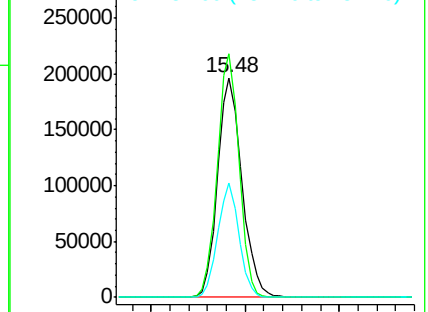
154 100

153 110.9 90.4 135.6

152 52.2 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.083 ng

RT: 15.30 min Scan# 2044

Delta R.T. -0.01 min

Lab File: BG031890.D

Acq: 3 Jan 2018 14:44

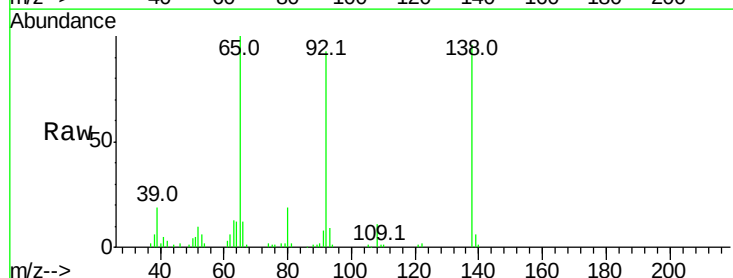
Tgt Ion:138 Resp: 56428

Ion Ratio Lower Upper

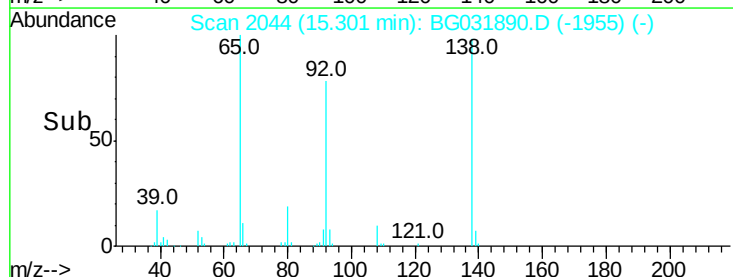
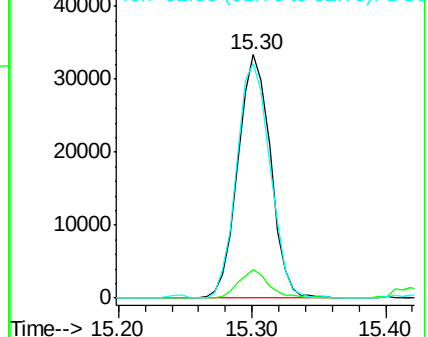
138 100

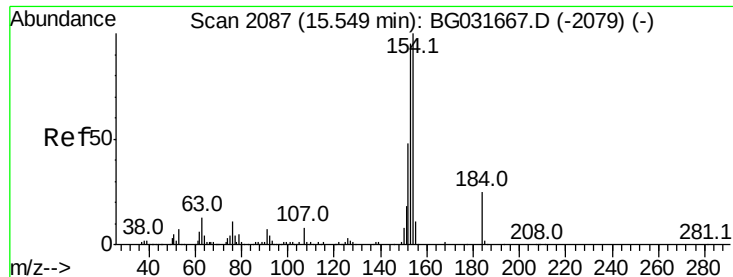
108 11.6 17.5 26.3#

92 96.3 105.8 158.8#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

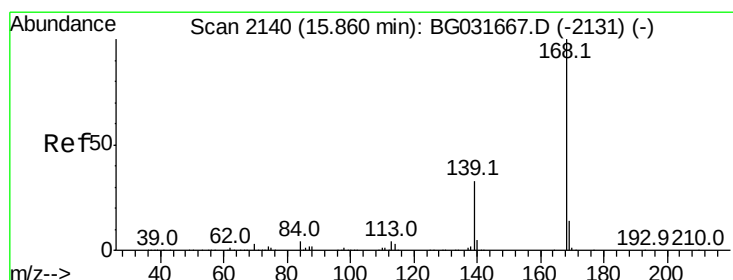
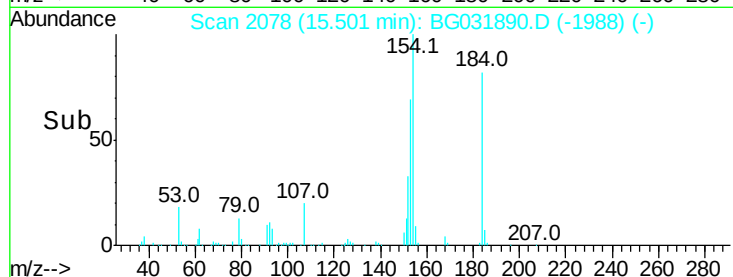
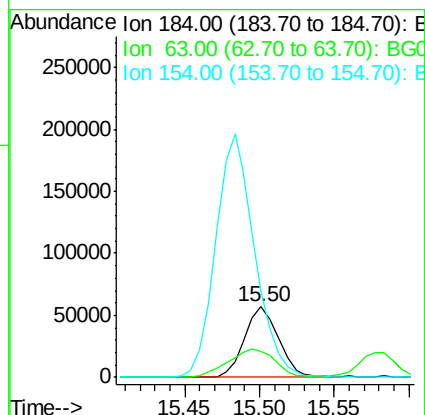
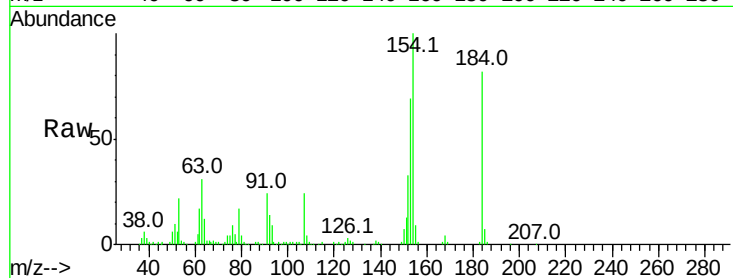




#53
2,4-Dinitrophenol
Concen: 87.541 ng
RT: 15.50 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BG031890.D
Acq: 3 Jan 2018 14:44

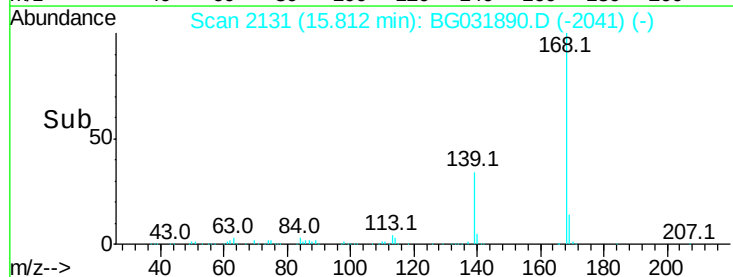
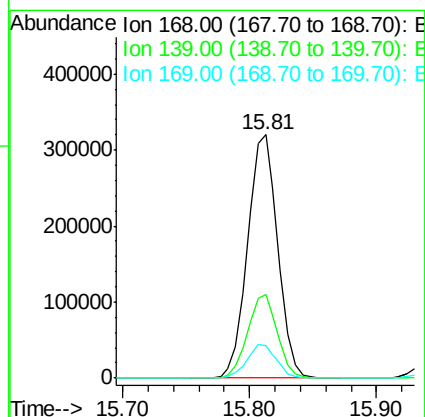
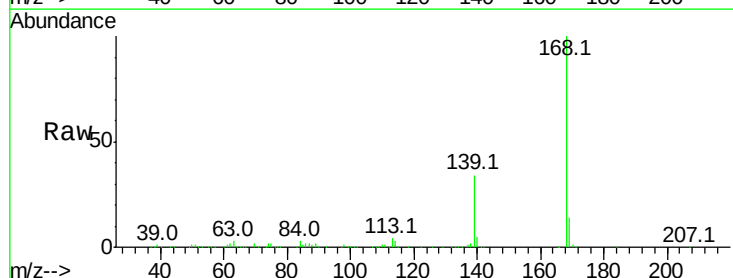
Instrument :
BNA_G
ClientSampled :

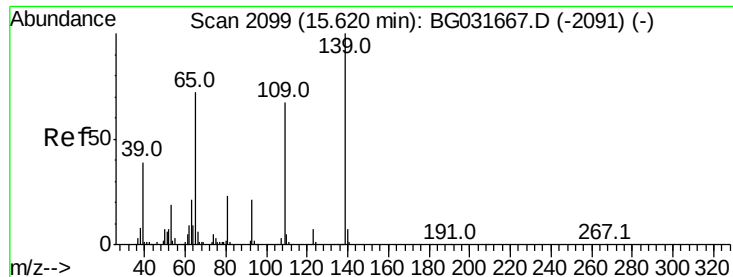
Tot Ion:184 Resp: 90126
Ion Ratio Lower Upper
184 100
63 37.7 59.8 89.8#
154 121.8 101.8 152.8



#54
Dibenzofuran
Concen: 33.983 ng
RT: 15.81 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BG031890.D
Acq: 3 Jan 2018 14:44

Tgt Ion:168 Resp: 526926
Ion Ratio Lower Upper
168 100
139 34.1 28.6 43.0
169 13.6 11.2 16.8

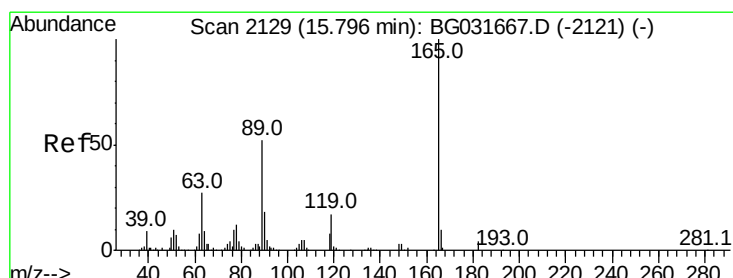
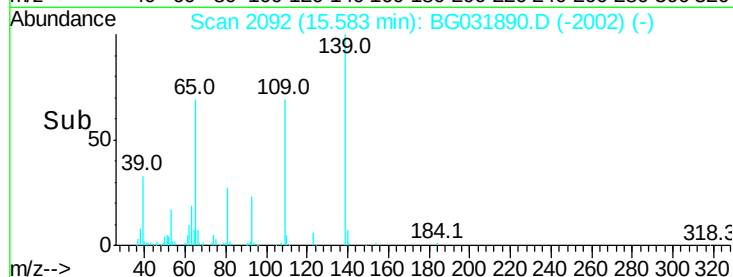
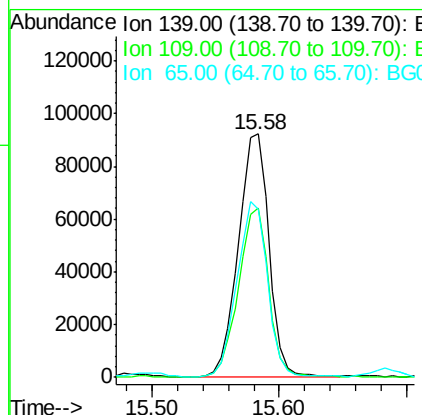
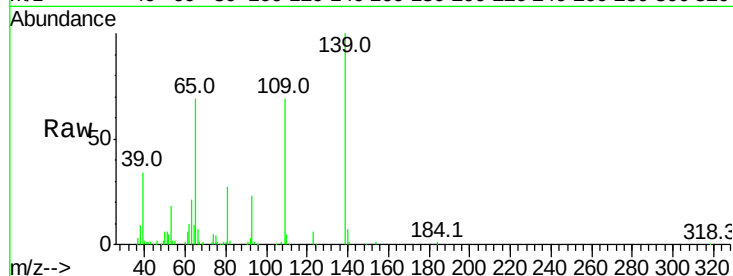




#55
4-Nitrophenol
Concen: 81.518 ng
RT: 15.58 min Scan# 2092
Delta R.T. -0.00 min
Lab File: BG031890.D
Acq: 3 Jan 2018 14:44

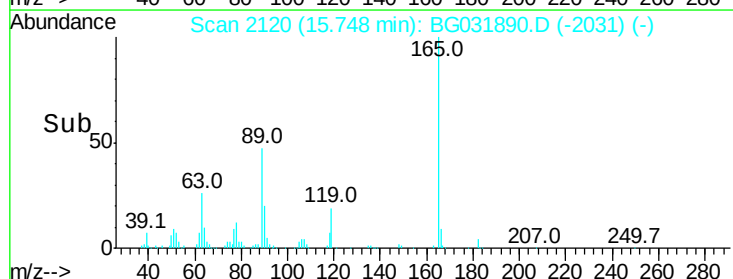
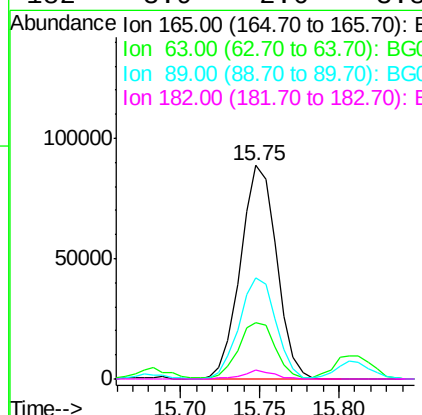
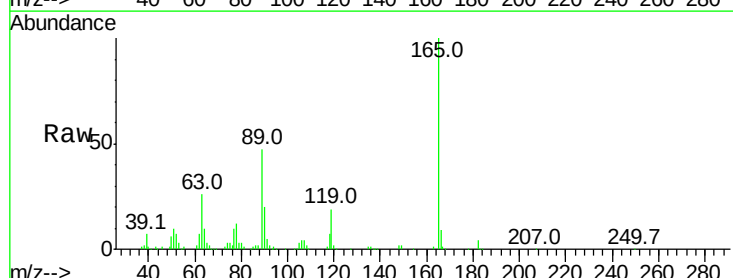
Instrument :
BNA_G
ClientSampleId :

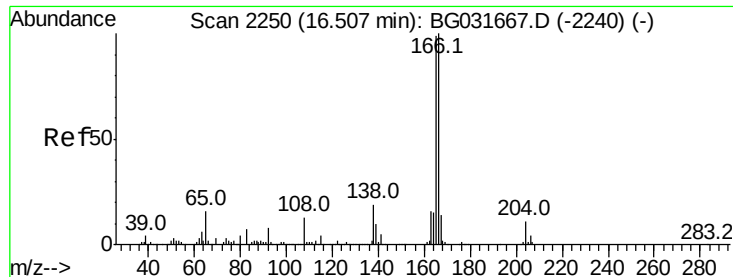
Tot Ion	Ratio	Lower	Upper
139	100		
109	69.4	62.2	102.2
65	69.2	97.2	137.2#



#56
2,4-Dinitrotoluene
Concen: 45.481 ng
RT: 15.75 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BG031890.D
Acq: 3 Jan 2018 14:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	26.4	42.0	63.0#
89	47.3	66.9	100.3#
182	3.9	2.6	3.8#

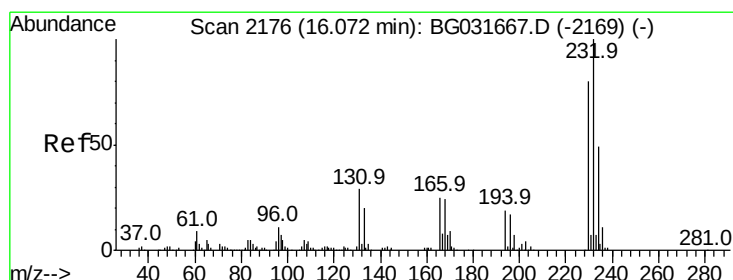
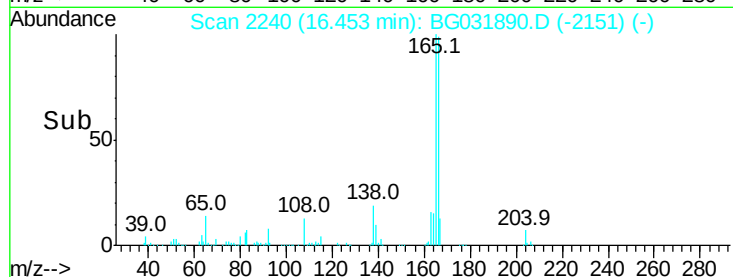
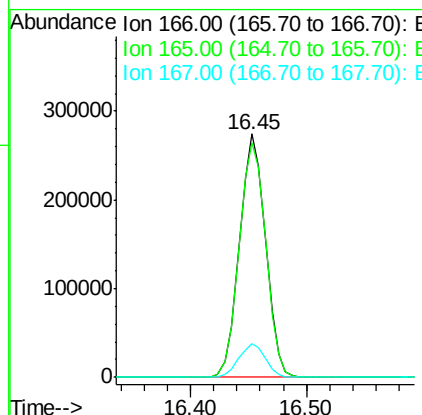
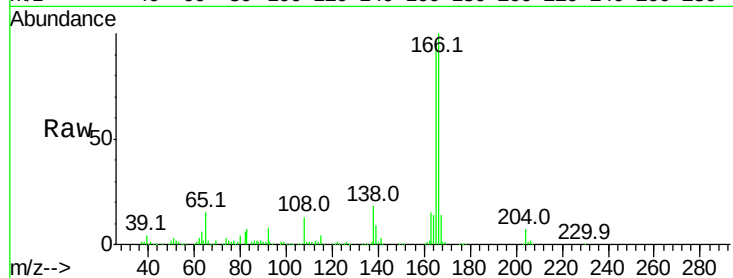




#57
 Fluorene
 Concen: 33.832 ng
 RT: 16.45 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: BG031890.D
 Acq: 3 Jan 2018 14:44

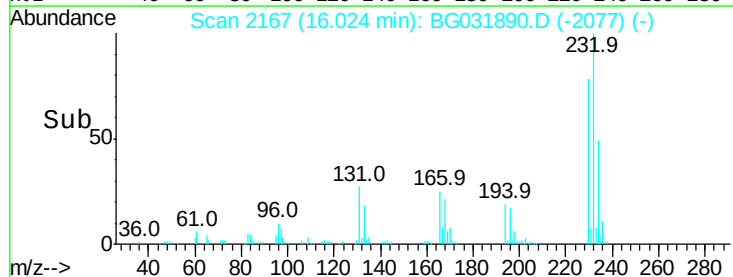
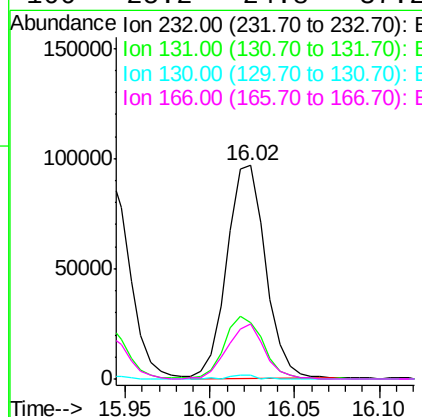
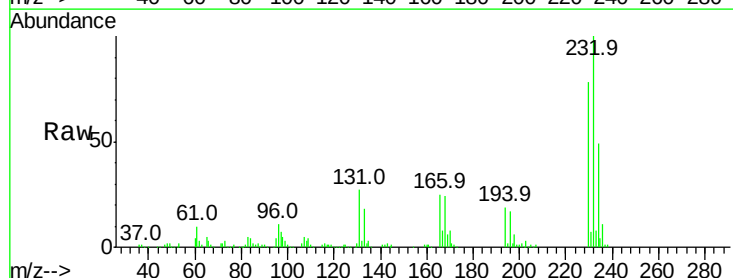
Instrument :
 BNA_G
 ClientSampleId :

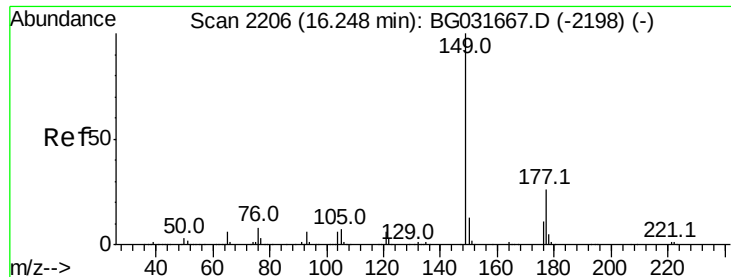
Tot Ion	Ratio	Lower	Upper
166	100		
165	96.2	80.6	121.0
167	13.7	10.4	15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.610 ng
 RT: 16.02 min Scan# 2167
 Delta R.T. -0.00 min
 Lab File: BG031890.D
 Acq: 3 Jan 2018 14:44

Tgt Ion	Ratio	Lower	Upper
232	100		
131	29.8	33.5	50.3#
130	1.4	2.2	3.2#
166	25.2	24.8	37.2





#59

Diethylphthalate

Concen: 32.910 ng

RT: 16.19 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BG031890.D

Acq: 3 Jan 2018 14:44

Instrument :

BNA_G

ClientSampleId :

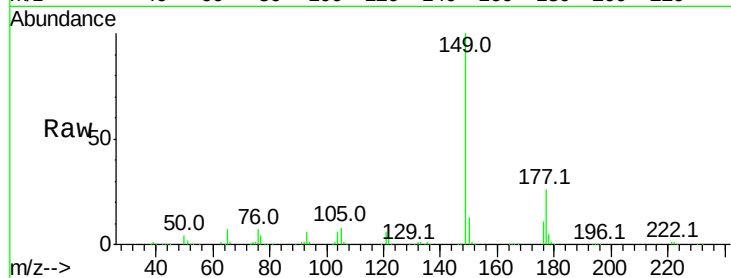
Tot Ion:149 Resp: 418753

Ion Ratio Lower Upper

149 100

177 26.5 18.5 27.7

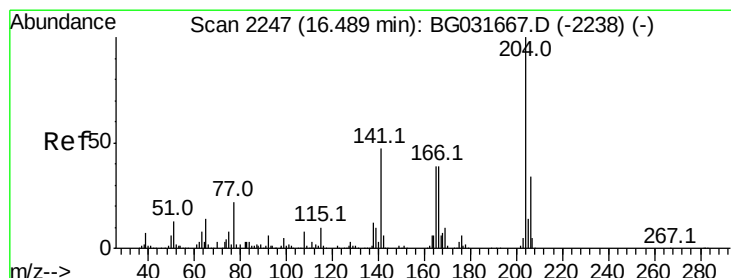
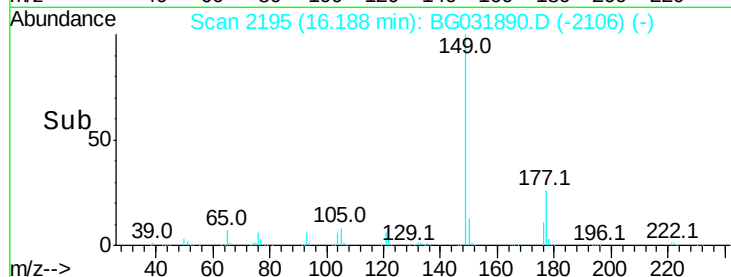
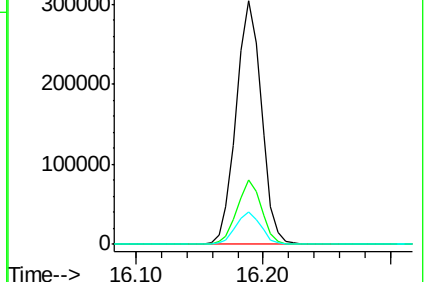
150 13.2 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 32.542 ng

RT: 16.44 min Scan# 2237

Delta R.T. -0.00 min

Lab File: BG031890.D

Acq: 3 Jan 2018 14:44

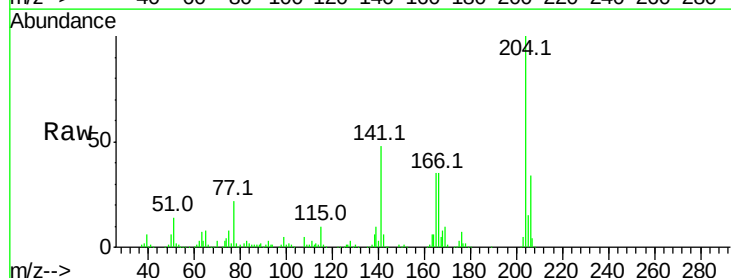
Tgt Ion:204 Resp: 250807

Ion Ratio Lower Upper

204 100

206 33.7 26.2 39.2

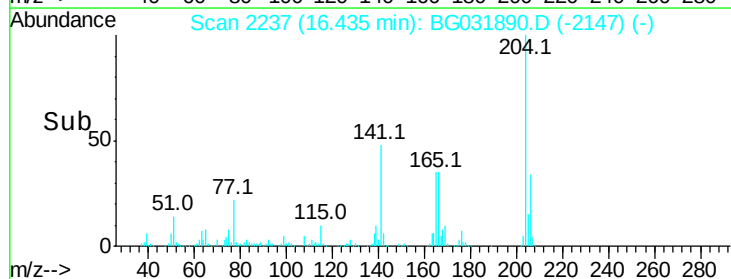
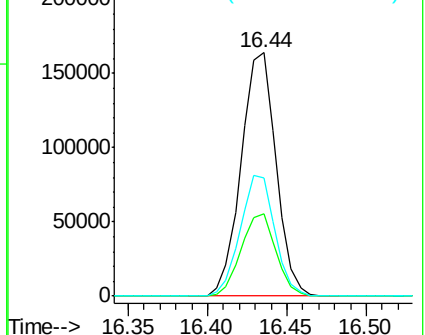
141 48.4 45.8 68.6

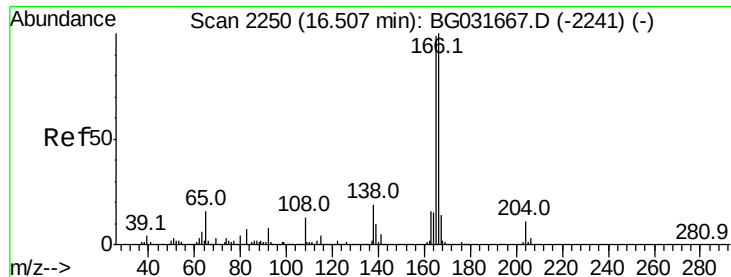


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

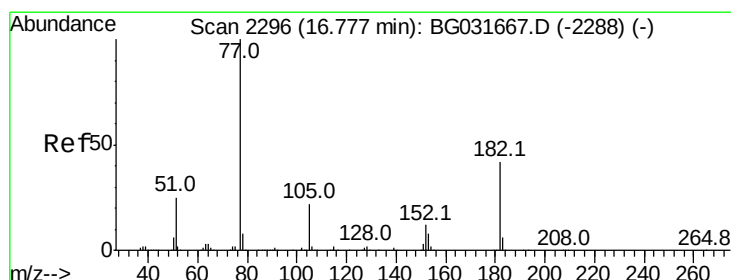
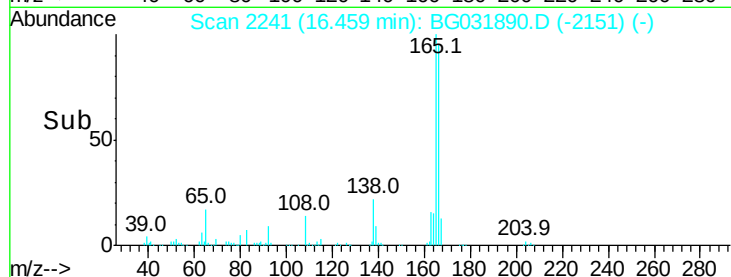
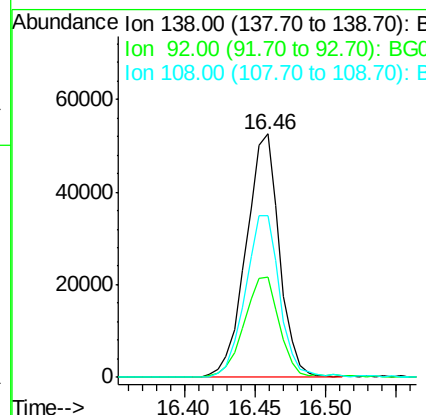
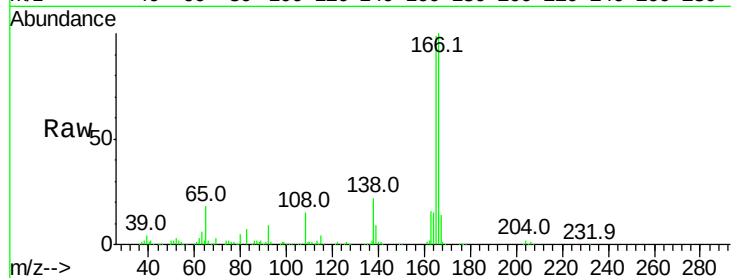




#61
4-Nitroaniline
Concen: 38.032 ng
RT: 16.46 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BG031890.D
Acq: 3 Jan 2018 14:44

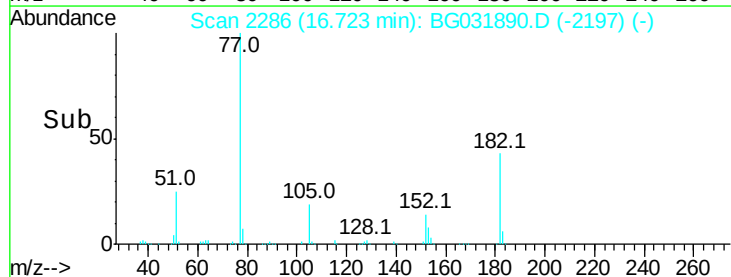
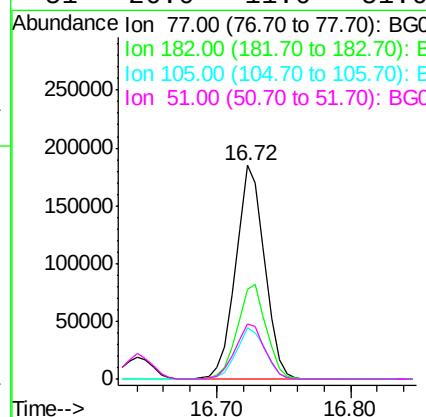
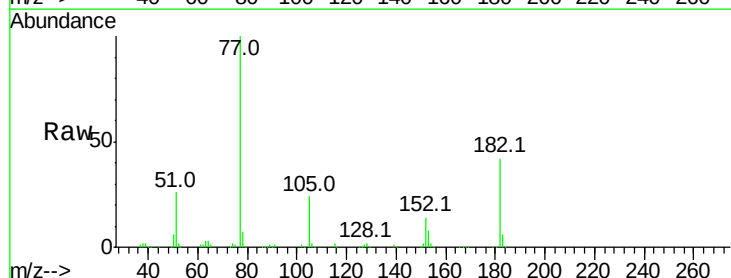
Instrument :
BNA_G
ClientSampleId :

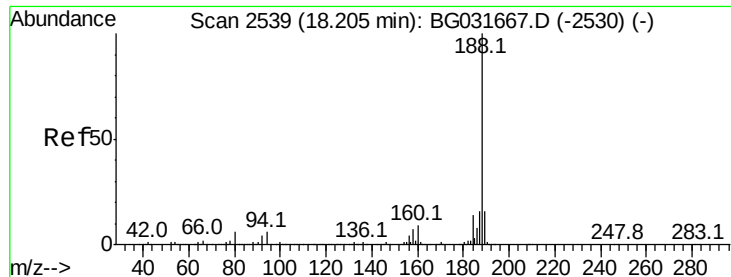
Tot Ion:138 Resp: 86960
Ion Ratio Lower Upper
138 100
92 41.0 40.1 80.1
108 66.6 65.4 105.4



#62
Azobenzene
Concen: 34.068 ng
RT: 16.72 min Scan# 2286
Delta R.T. -0.01 min
Lab File: BG031890.D
Acq: 3 Jan 2018 14:44

Tgt Ion: 77 Resp: 278005
Ion Ratio Lower Upper
77 100
182 41.8 7.4 47.4
105 24.1 0.3 40.3
51 26.0 11.6 51.6

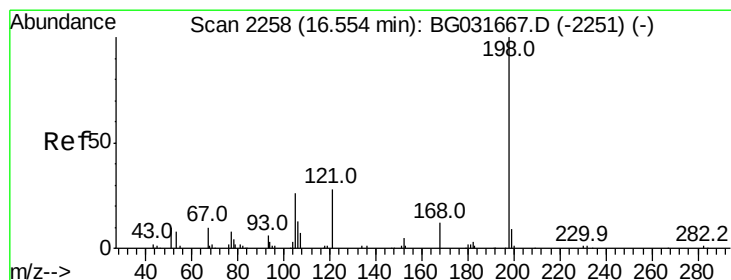
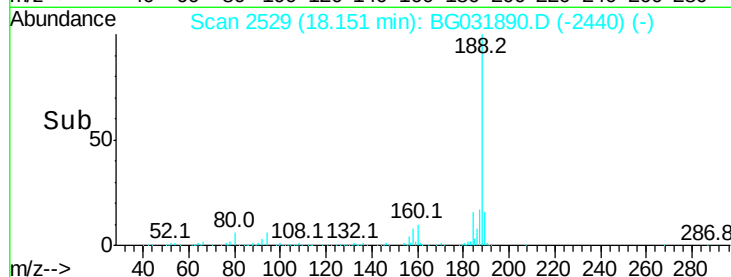
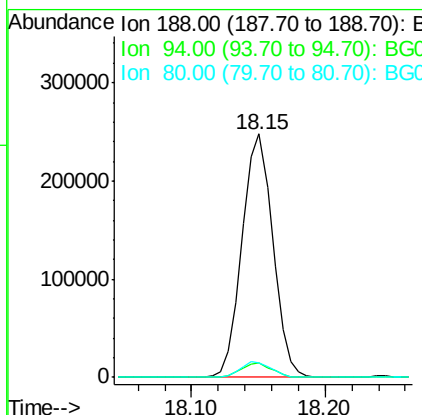
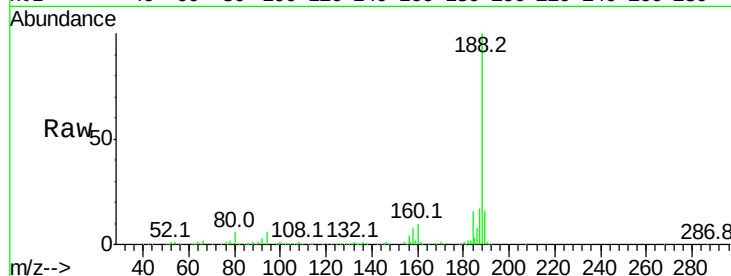




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.15 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BG031890.D
Acq: 3 Jan 2018 14:44

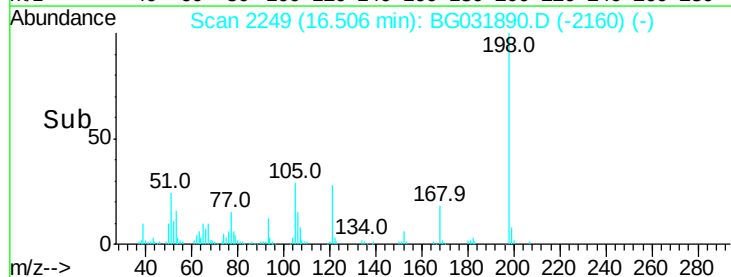
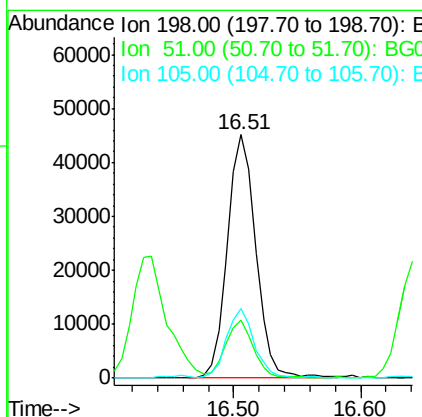
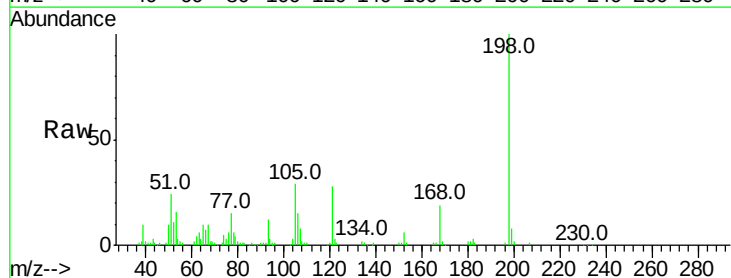
Instrument :
BNA_G
ClientSampleId :

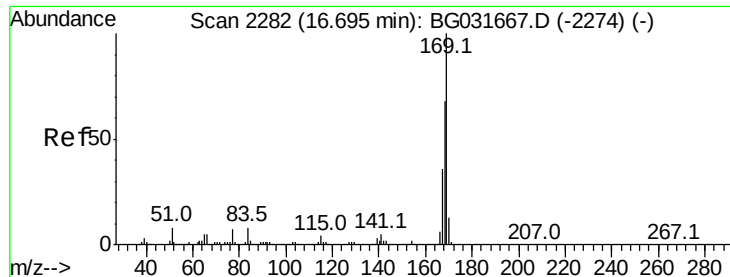
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.0	6.9	10.3#
80	5.9	7.7	11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 38.399 ng
RT: 16.51 min Scan# 2249
Delta R.T. -0.01 min
Lab File: BG031890.D
Acq: 3 Jan 2018 14:44

Tgt Ion	Ratio	Lower	Upper
198	100		
51	23.7	30.6	70.6#
105	28.8	23.8	63.8

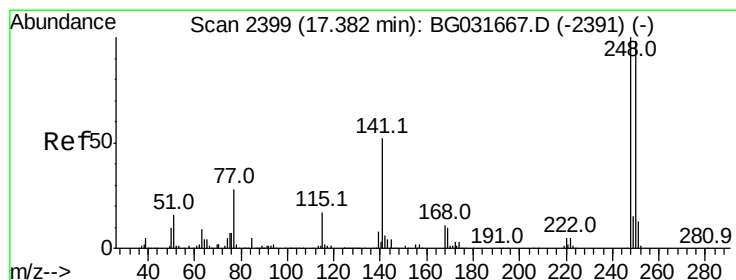
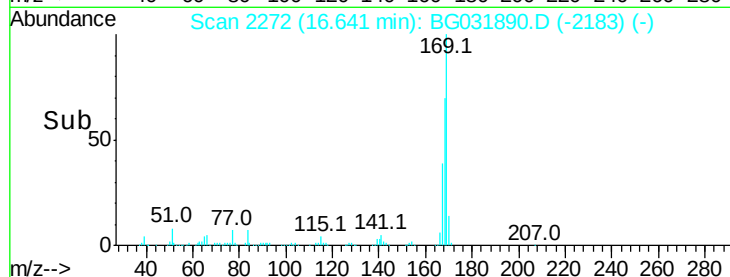
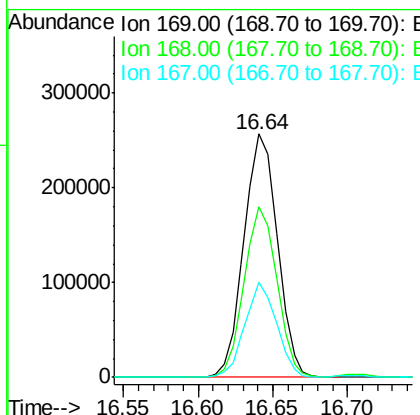
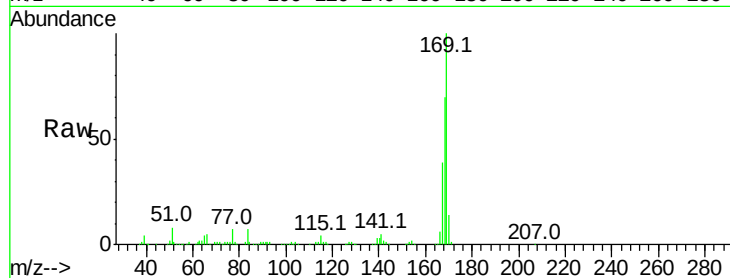




#65
 n-Nitrosodiphenylamine
 Concen: 30.484 ng
 RT: 16.64 min Scan# 2272
 Delta R.T. -0.01 min
 Lab File: BG031890.D
 Acq: 3 Jan 2018 14:44

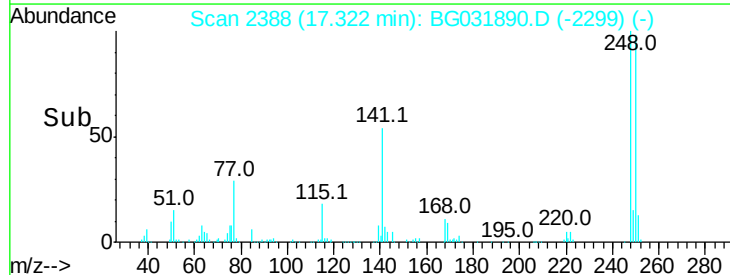
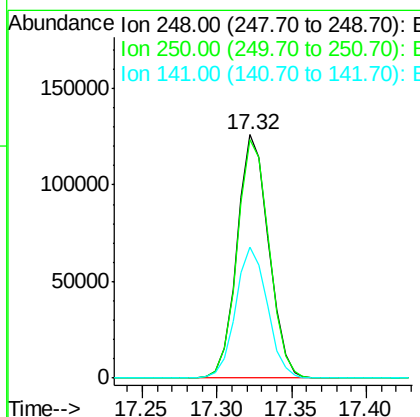
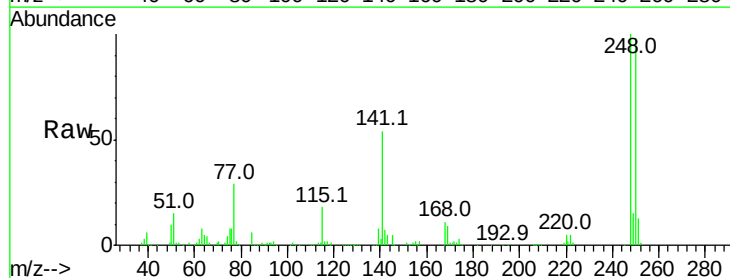
Instrument :
 BNA_G
 ClientSampleId :

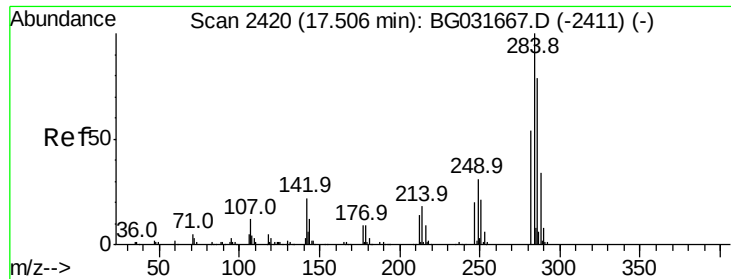
Tot Ion:169 Resp: 399476
 Ion Ratio Lower Upper
 169 100
 168 69.8 55.7 83.5
 167 39.1 30.1 45.1



#66
 4-Bromophenyl-phenylether
 Concen: 32.401 ng
 RT: 17.32 min Scan# 2388
 Delta R.T. -0.01 min
 Lab File: BG031890.D
 Acq: 3 Jan 2018 14:44

Tgt Ion:248 Resp: 184868
 Ion Ratio Lower Upper
 248 100
 250 97.8 77.1 115.7
 141 53.8 50.8 76.2

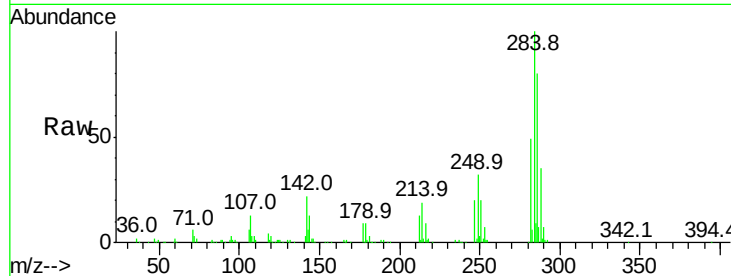




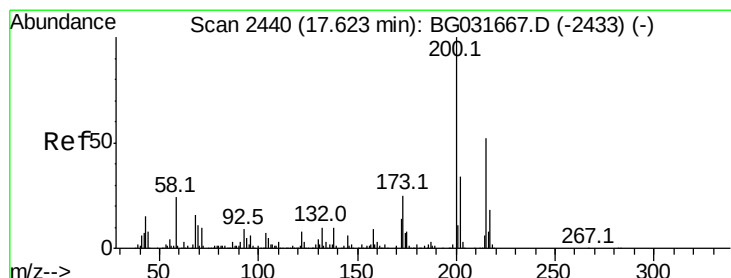
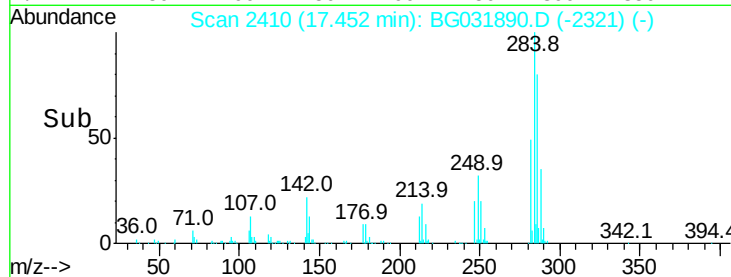
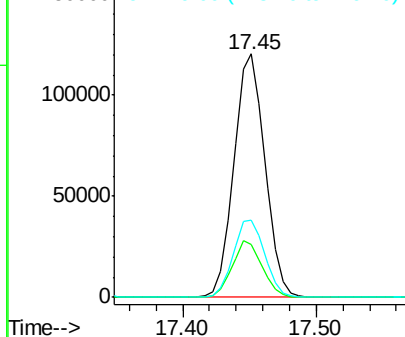
#67
Hexachlorobenzene
Concen: 33.221 ng
RT: 17.45 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BG031890.D
Acq: 3 Jan 2018 14:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	21.9	26.8	40.2#
249	32.0	26.3	39.5

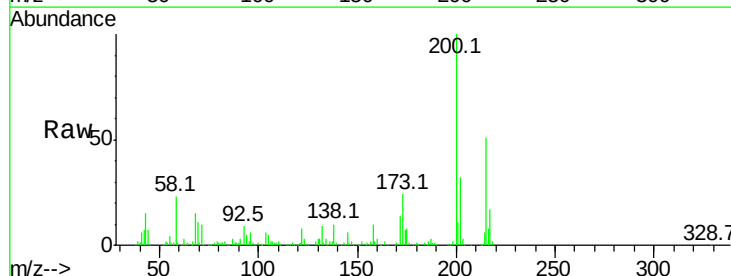


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

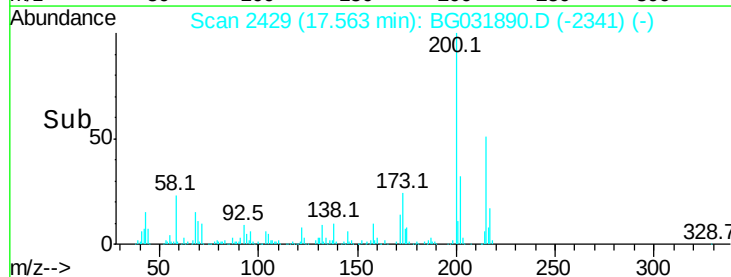
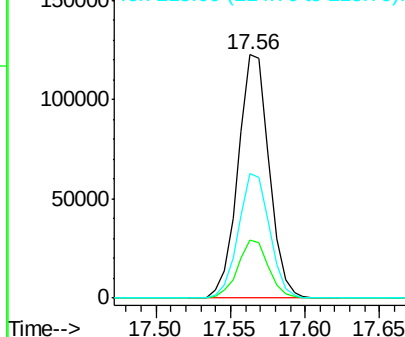


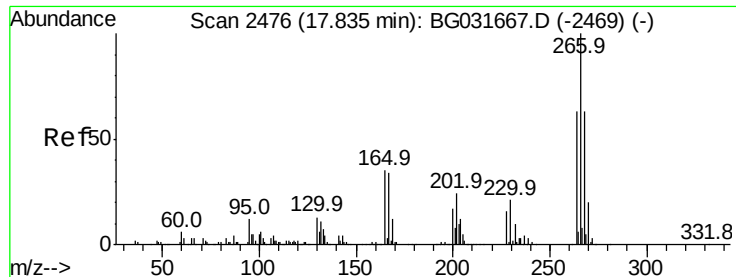
#68
Atrazine
Concen: 34.686 ng
RT: 17.56 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BG031890.D
Acq: 3 Jan 2018 14:44

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.7	5.2	45.2
215	51.2	30.4	70.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

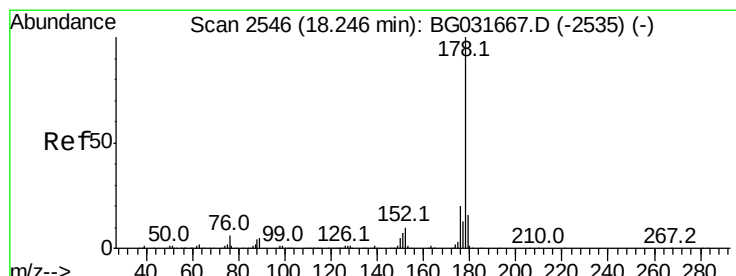
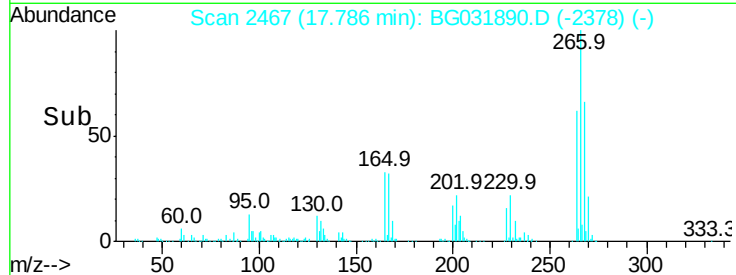
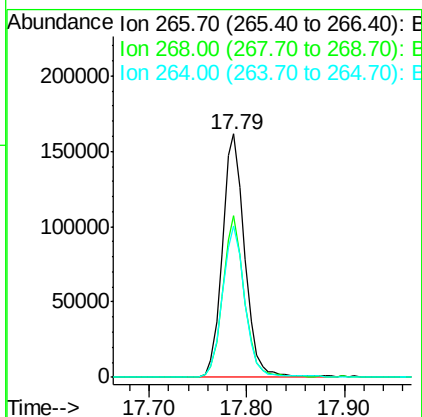
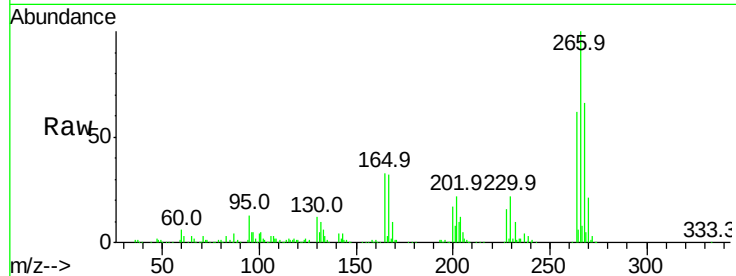




#69
 Pentachlorophenol
 Concen: 63.743 ng
 RT: 17.79 min Scan# 2467
 Delta R.T. -0.01 min
 Lab File: BG031890.D
 Acq: 3 Jan 2018 14:44

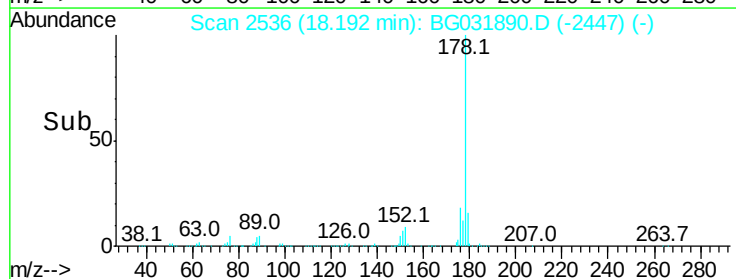
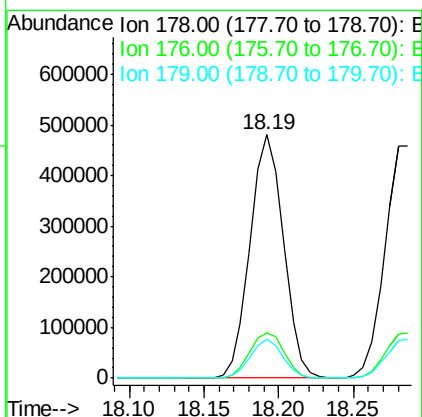
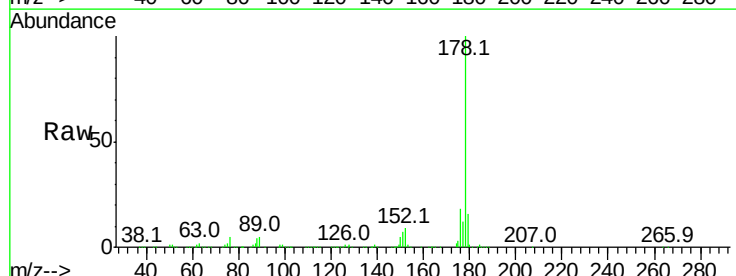
Instrument :
 BNA_G
 ClientSampleId :

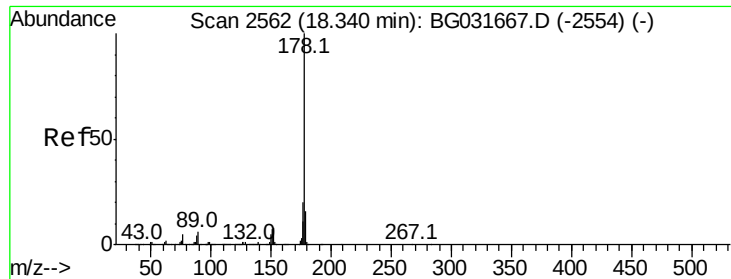
Tot Ion	Ratio	Lower	Upper
266	100		
268	66.2	51.1	76.7
264	62.0	49.6	74.4



#70
 Phenanthrene
 Concen: 33.283 ng
 RT: 18.19 min Scan# 2536
 Delta R.T. -0.01 min
 Lab File: BG031890.D
 Acq: 3 Jan 2018 14:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.7	23.5
179	15.7	12.5	18.7

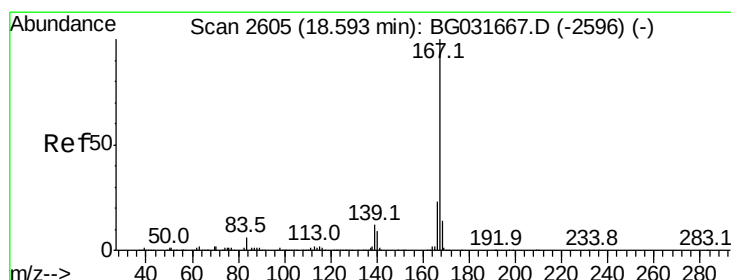
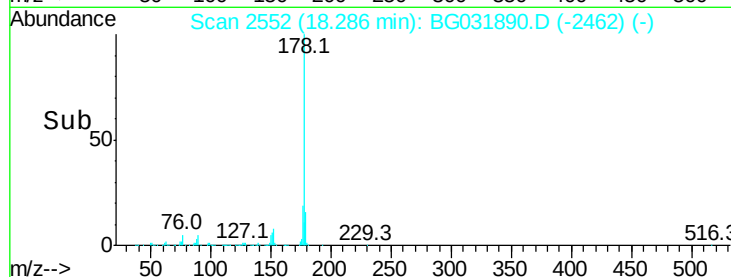
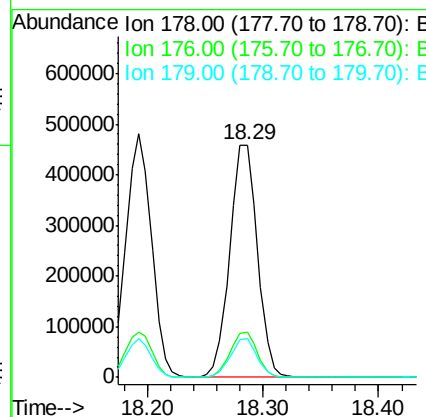
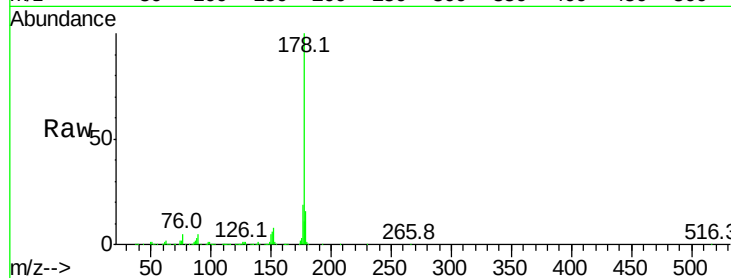




#71
 Anthracene
 Concen: 33.744 ng
 RT: 18.29 min Scan# 2552
 Delta R.T. -0.00 min
 Lab File: BG031890.D
 Acq: 3 Jan 2018 14:44

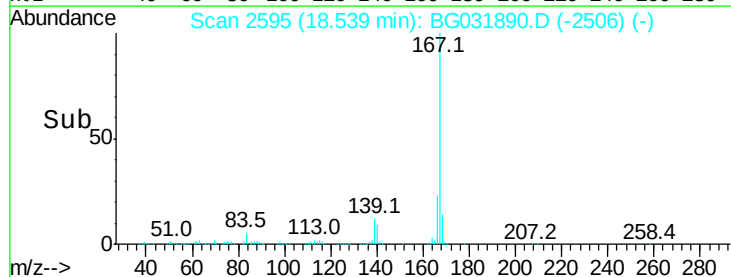
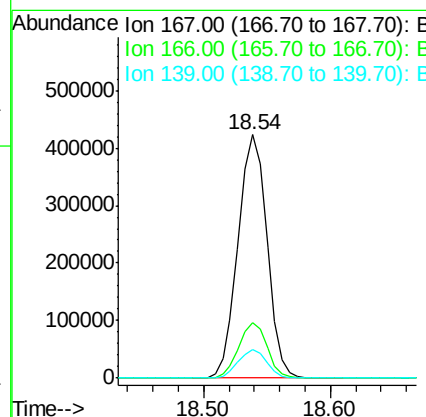
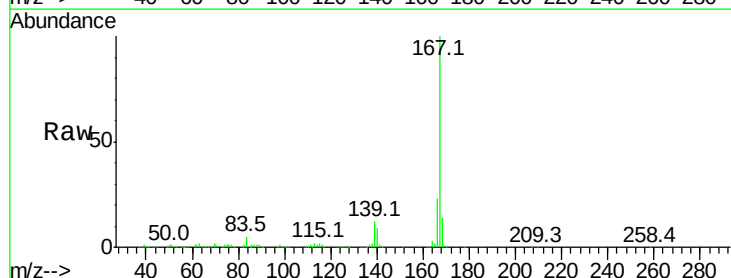
Instrument :
 BNA_G
 ClientSampleId :

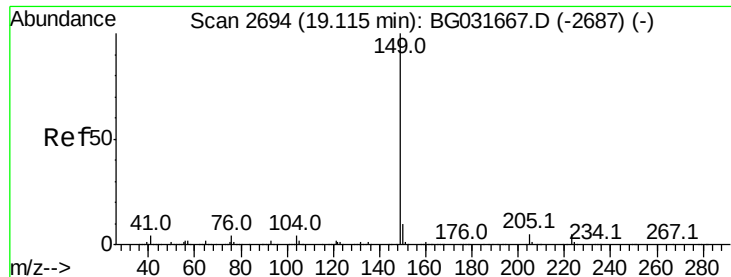
Tot Ion:178 Resp: 760076
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.0 24.0
 179 16.5 12.5 18.7



#72
 Carbazole
 Concen: 33.579 ng
 RT: 18.54 min Scan# 2595
 Delta R.T. -0.01 min
 Lab File: BG031890.D
 Acq: 3 Jan 2018 14:44

Tgt Ion:167 Resp: 669449
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.2 27.4
 139 11.7 9.4 14.2





#73

Di-n-butylphthalate

Concen: 33.101 ng

RT: 19.05 min Scan# 2682

Delta R.T. -0.01 min

Lab File: BG031890.D

Acq: 3 Jan 2018 14:44

Instrument :

BNA_G

ClientSampleId :

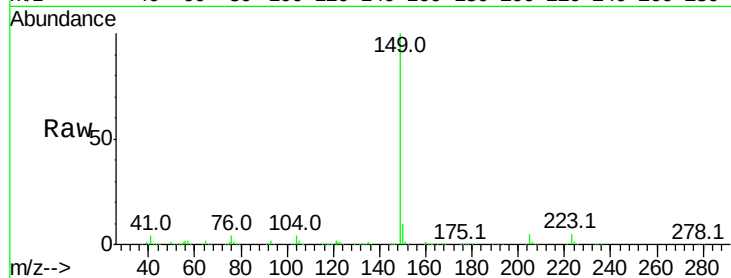
Tot Ion:149 Resp: 733377

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

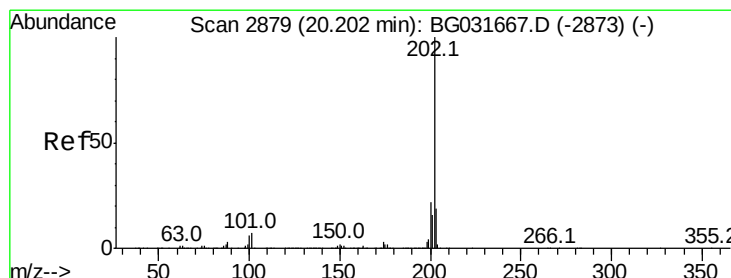
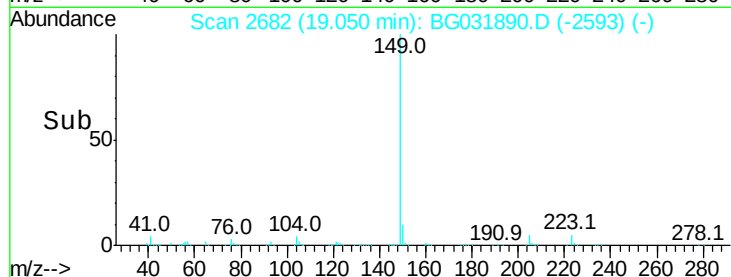
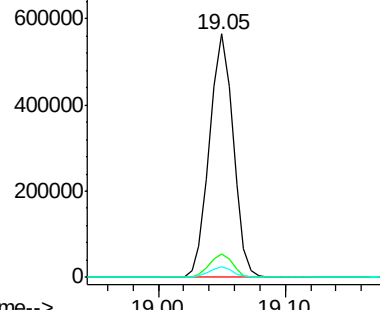
104 4.2 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 34.250 ng

RT: 20.15 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BG031890.D

Acq: 3 Jan 2018 14:44

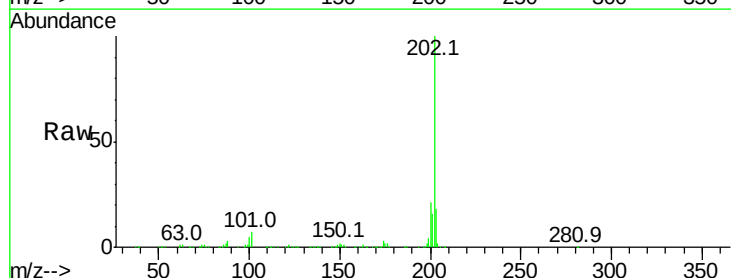
Tgt Ion:202 Resp: 938399

Ion Ratio Lower Upper

202 100

101 7.0 0.0 28.9

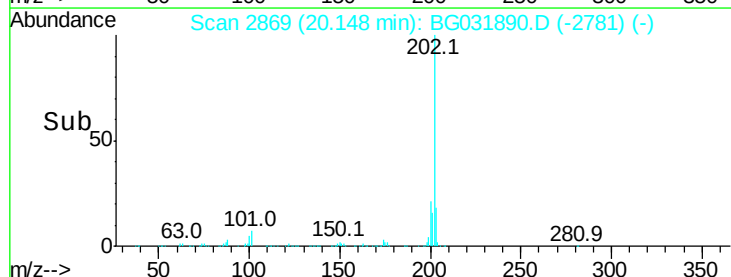
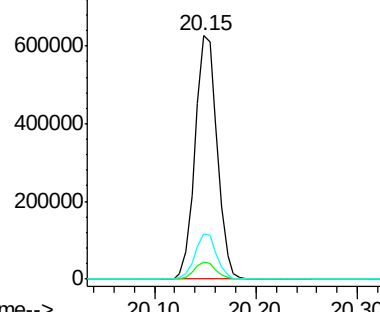
203 18.4 0.0 37.5

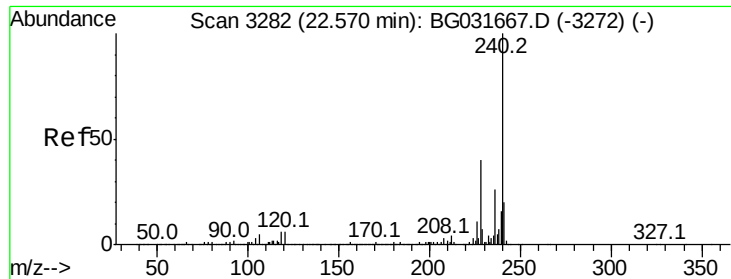


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.49 min Scan# 3268

Delta R.T. -0.01 min

Lab File: BG031890.D

Acq: 3 Jan 2018 14:44

Instrument :

BNA_G

ClientSampleId :

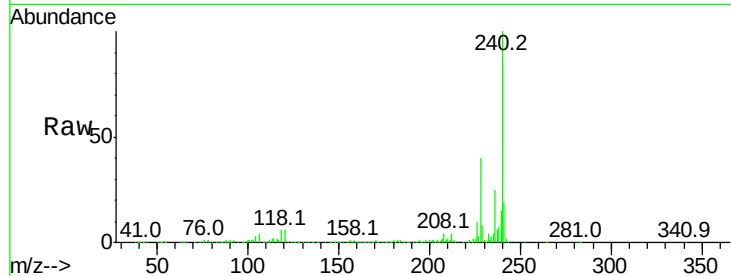
Tot Ion:240 Resp: 450136

Ion Ratio Lower Upper

240 100

120 5.6 6.8 10.2#

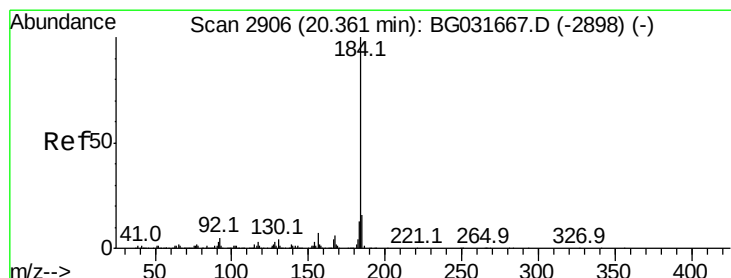
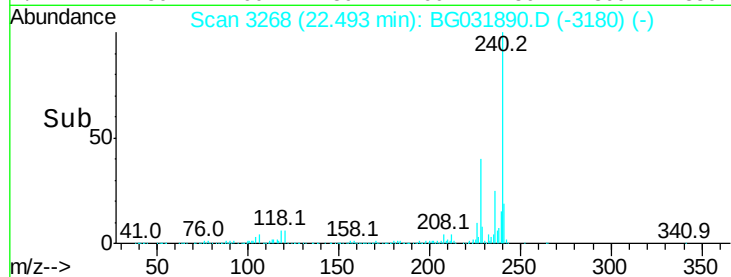
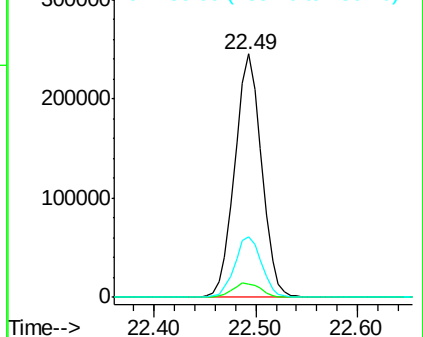
236 24.7 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 19.026 ng

RT: 20.31 min Scan# 2896

Delta R.T. -0.01 min

Lab File: BG031890.D

Acq: 3 Jan 2018 14:44

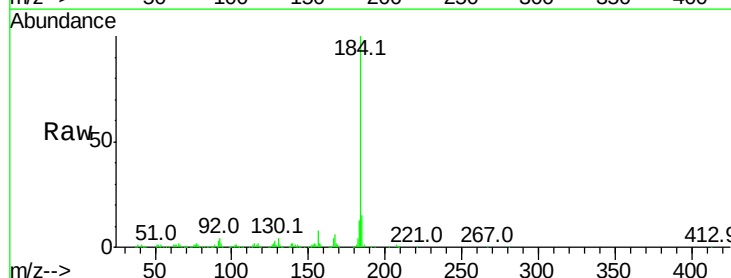
Tgt Ion:184 Resp: 264338

Ion Ratio Lower Upper

184 100

185 14.7 11.1 16.7

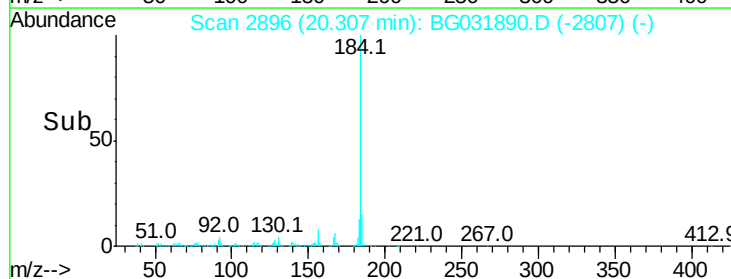
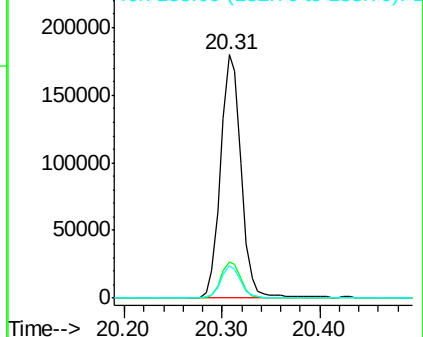
183 13.1 10.6 16.0

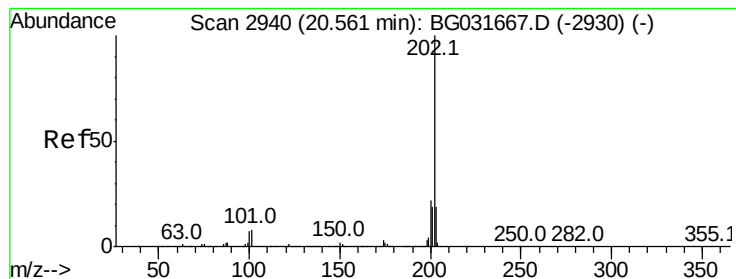


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 33.403 ng

RT: 20.51 min Scan# 2930

Delta R.T. -0.01 min

Lab File: BG031890.D

Acq: 3 Jan 2018 14:44

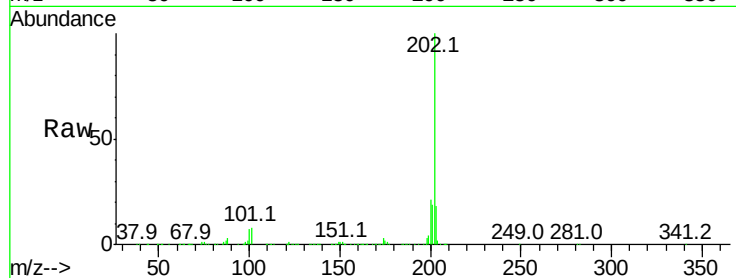
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 960459

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	18.2	13.9	20.9

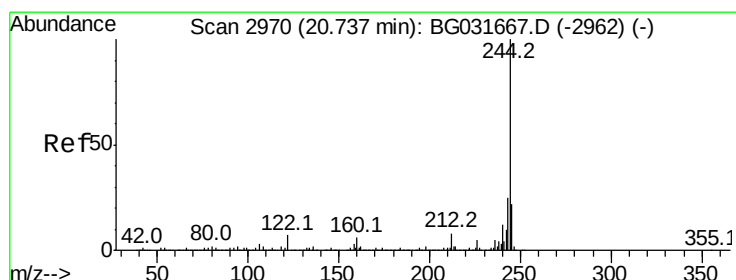
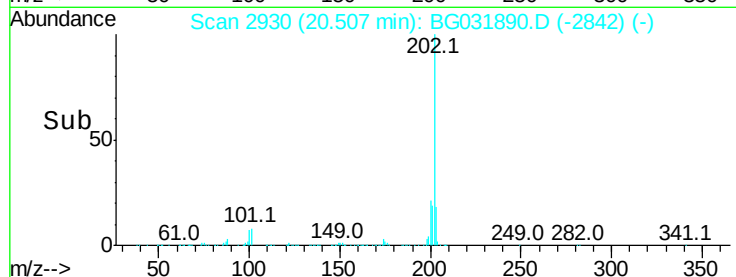
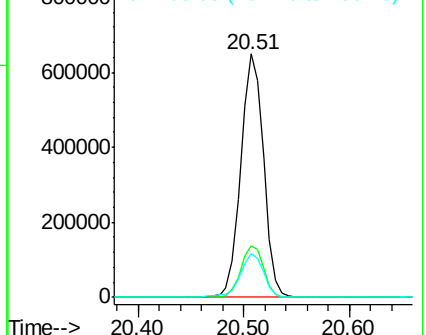


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 86.161 ng

RT: 20.68 min Scan# 2960

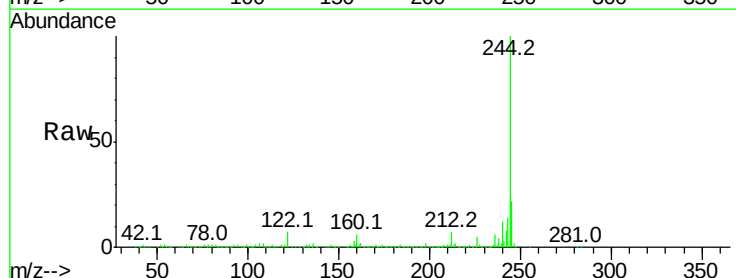
Delta R.T. -0.01 min

Lab File: BG031890.D

Acq: 3 Jan 2018 14:44

Tgt Ion:244 Resp: 1697605

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	7.0	7.0	10.4

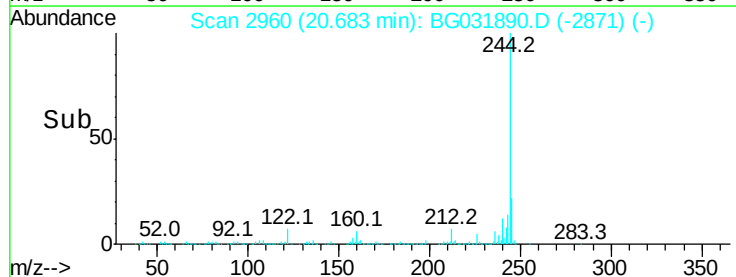
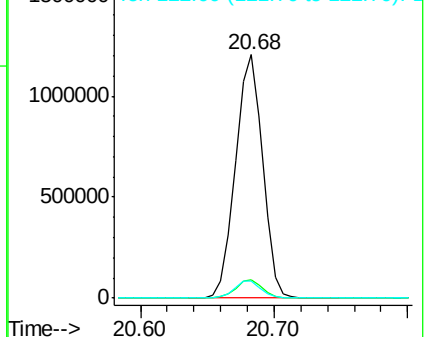


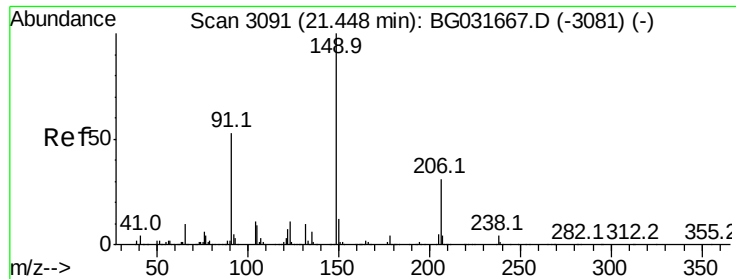
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

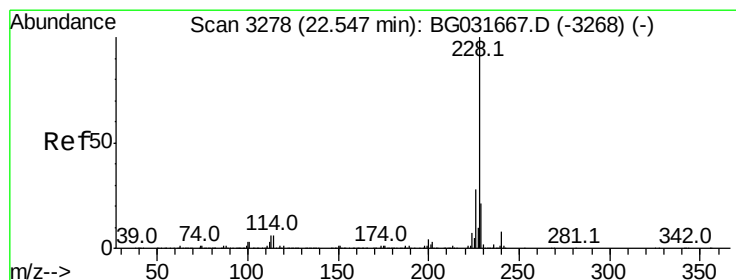
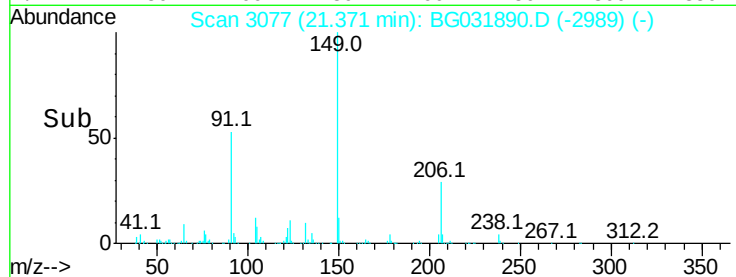
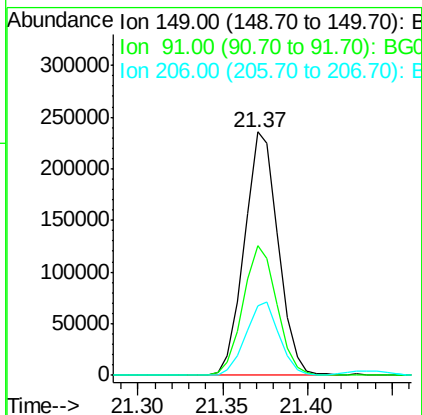
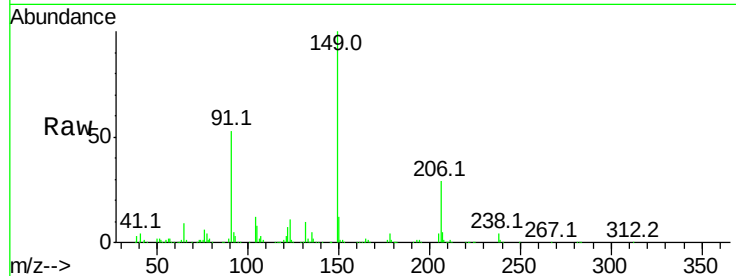




#79
Butylbenzylphthalate
Concen: 33.902 ng
RT: 21.37 min Scan# 3077
Delta R.T. -0.01 min
Lab File: BG031890.D
Acq: 3 Jan 2018 14:44

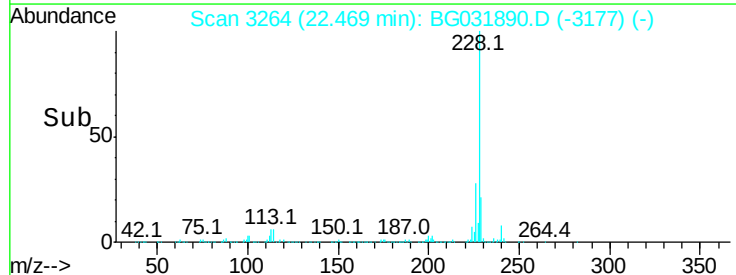
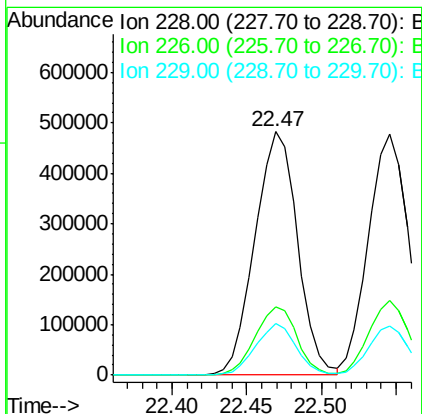
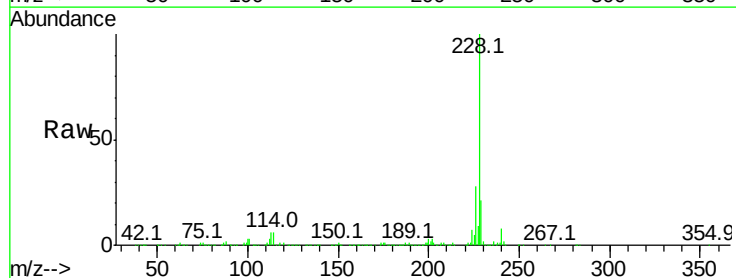
Instrument :
BNA_G
ClientSampleId :

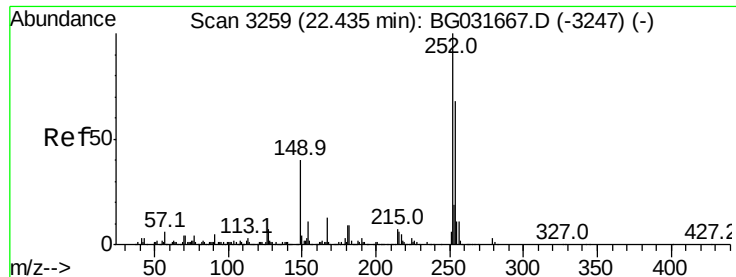
Tot Ion	Ratio	Lower	Upper
149	100		
91	53.4	62.2	93.2#
206	28.7	18.6	27.8#



#80
Benzo(a)anthracene
Concen: 33.302 ng
RT: 22.47 min Scan# 3264
Delta R.T. -0.02 min
Lab File: BG031890.D
Acq: 3 Jan 2018 14:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.7	34.1
229	21.1	16.2	24.2

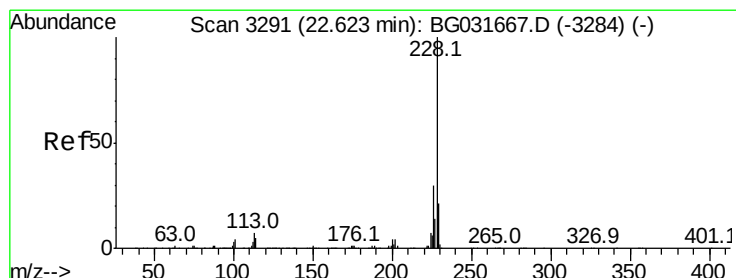
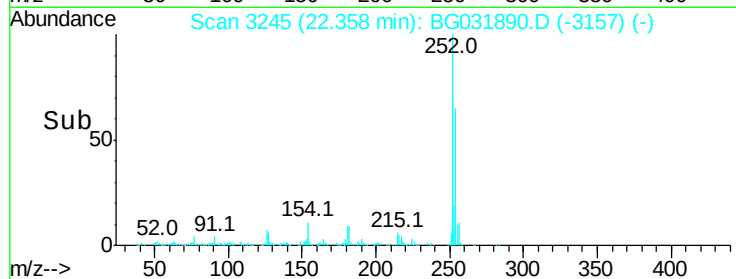
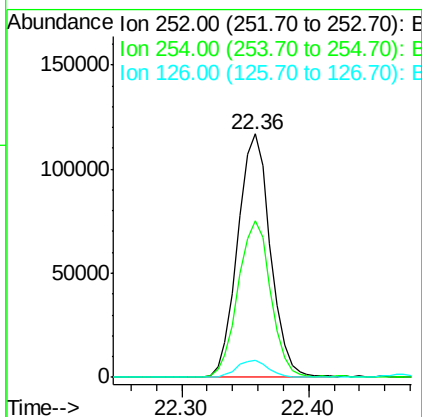
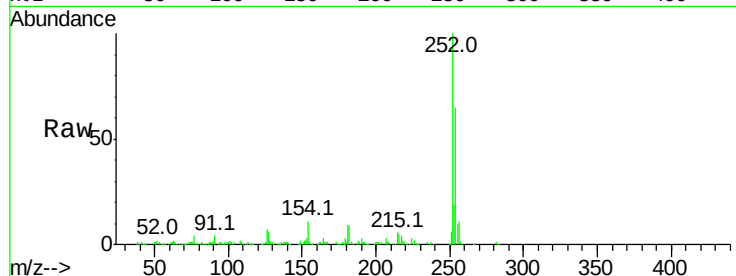




#81
 3,3'-Dichlorobenzidine
 Concen: 18.816 ng
 RT: 22.36 min Scan# 3245
 Delta R.T. -0.01 min
 Lab File: BG031890.D
 Acq: 3 Jan 2018 14:44

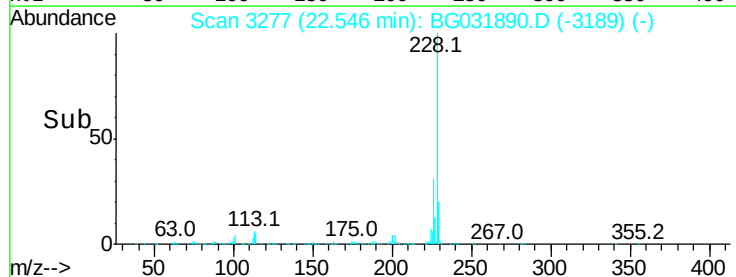
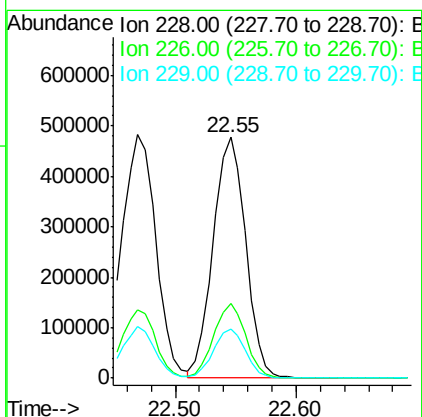
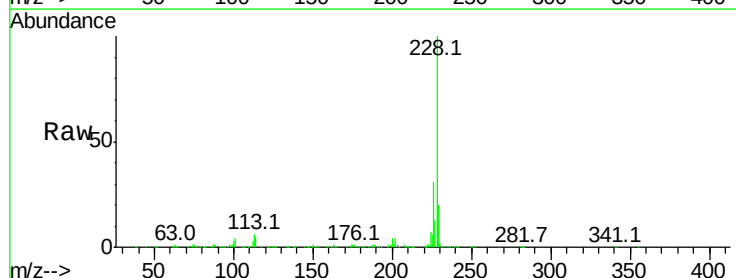
Instrument :
 BNA_G
 ClientSampleId :

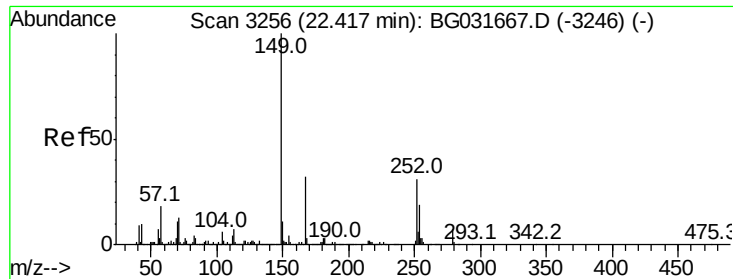
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.5	50.8	76.2
126	6.8	7.4	11.2#



#82
 Chrysene
 Concen: 32.854 ng
 RT: 22.55 min Scan# 3277
 Delta R.T. -0.01 min
 Lab File: BG031890.D
 Acq: 3 Jan 2018 14:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	20.5	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 32.002 ng

RT: 22.32 min Scan# 3238

Delta R.T. -0.02 min

Lab File: BG031890.D

Acq: 3 Jan 2018 14:44

Instrument :

BNA_G

ClientSampleId :

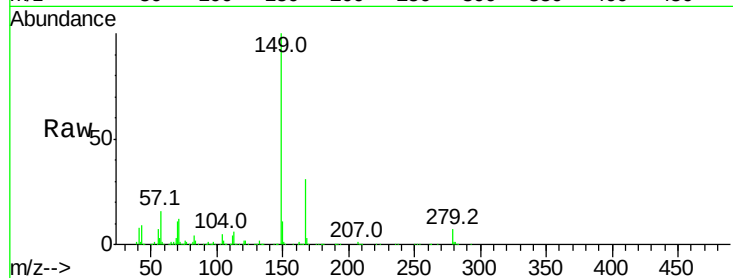
Tot Ion:149 Resp: 447525

Ion Ratio Lower Upper

149 100

167 30.6 24.3 36.5

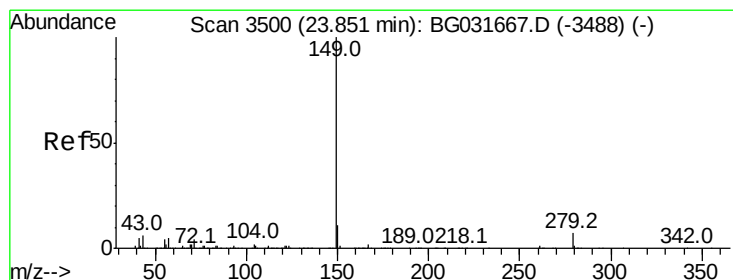
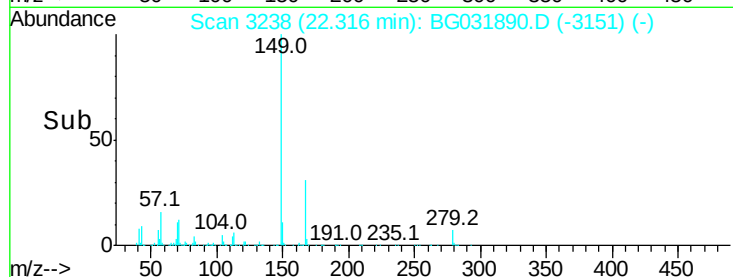
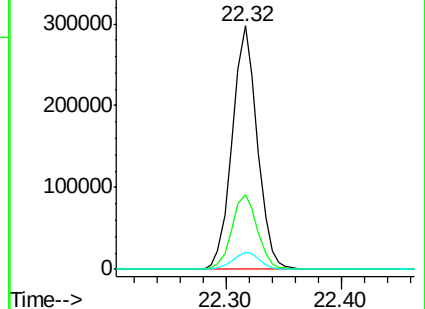
279 7.1 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 32.536 ng

RT: 23.71 min Scan# 3475

Delta R.T. -0.03 min

Lab File: BG031890.D

Acq: 3 Jan 2018 14:44

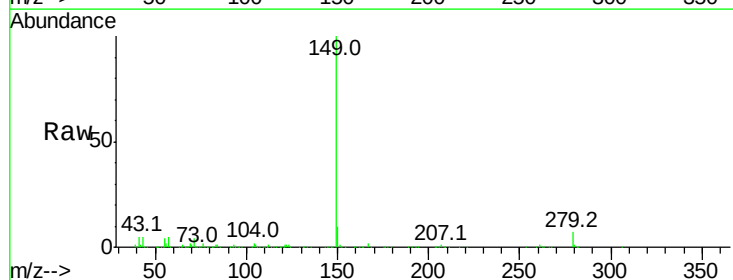
Tgt Ion:149 Resp: 766276

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

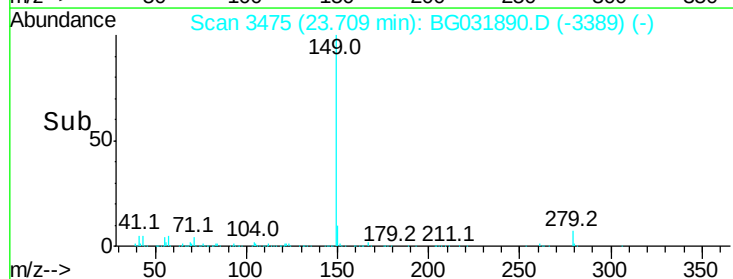
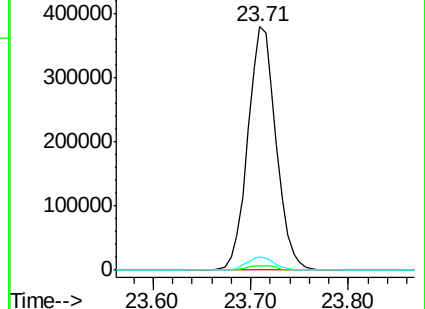
43 5.4 8.9 13.3#

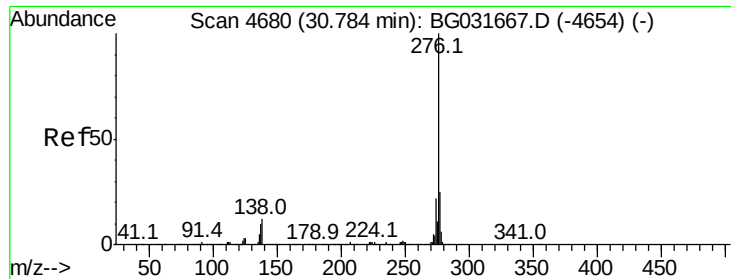


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 34.054 ng

RT: 30.55 min Scan# 4640

Delta R.T. -0.07 min

Lab File: BG031890.D

Acq: 3 Jan 2018 14:44

Instrument :

BNA_G

ClientSampled :

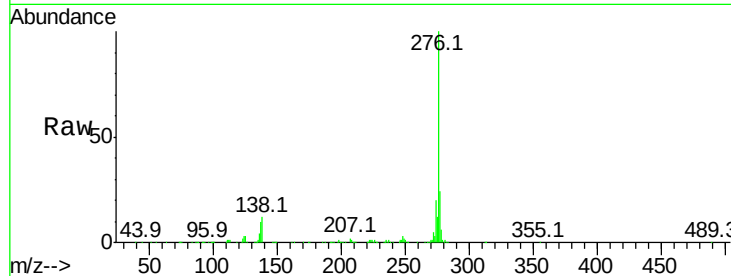
Tot Ion:276 Resp: 1183618

Ion Ratio Lower Upper

276 100

138 9.6 16.0 24.0#

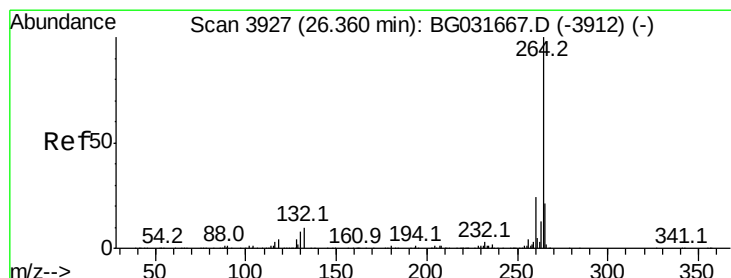
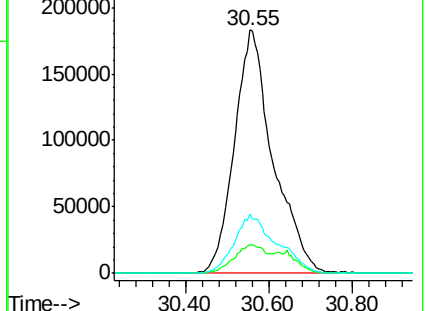
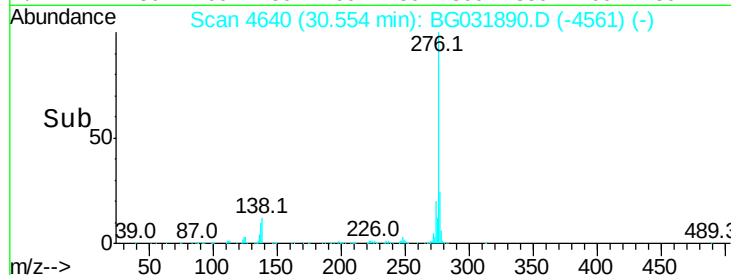
277 26.4 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.22 min Scan# 3903

Delta R.T. -0.03 min

Lab File: BG031890.D

Acq: 3 Jan 2018 14:44

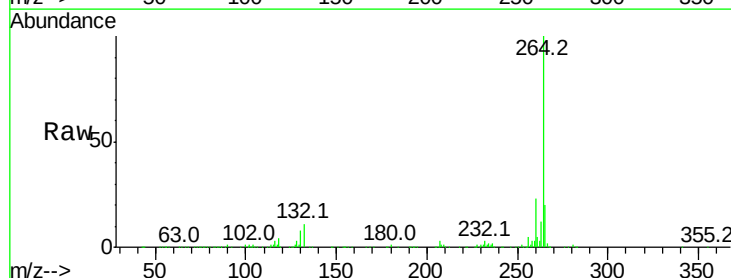
Tgt Ion:264 Resp: 482575

Ion Ratio Lower Upper

264 100

260 23.0 17.4 26.0

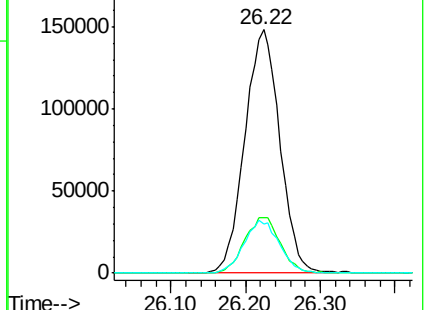
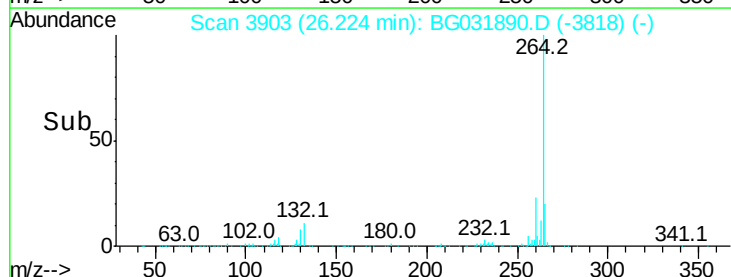
265 20.4 17.7 26.5

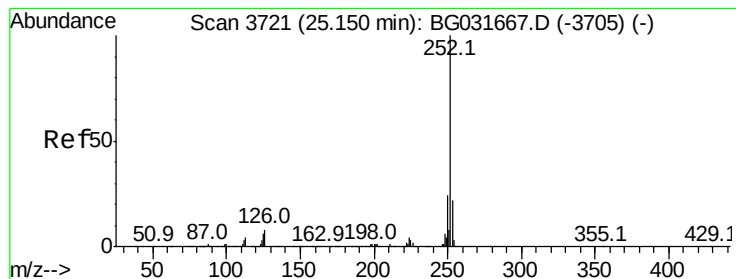


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 33.458 ng

RT: 25.03 min Scan# 3699

Delta R.T. -0.03 min

Lab File: BG031890.D

Acq: 3 Jan 2018 14:44

Instrument :

BNA_G

ClientSampled :

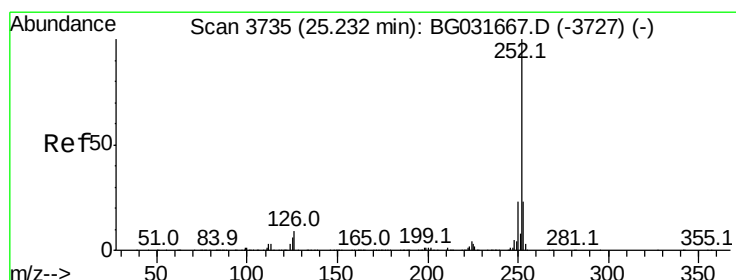
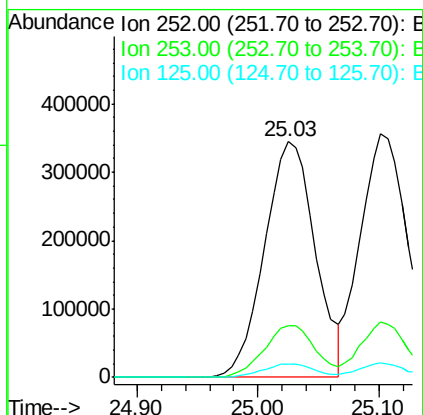
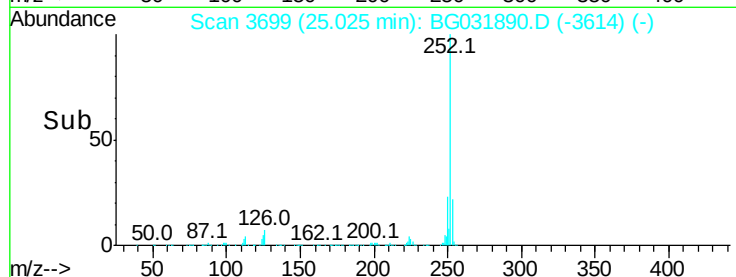
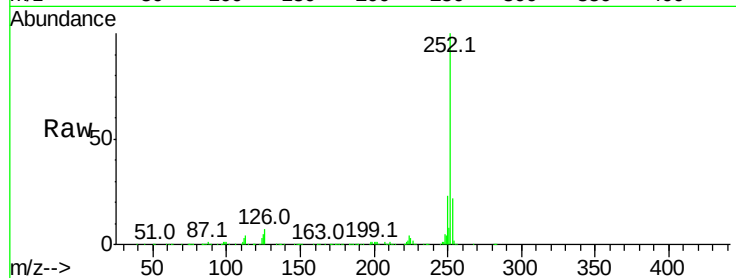
Tot Ion:252 Resp: 1002256

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.4

125 5.4 7.2 10.8#



#88

Benzo(k)fluoranthene

Concen: 32.387 ng

RT: 25.10 min Scan# 3712

Delta R.T. -0.03 min

Lab File: BG031890.D

Acq: 3 Jan 2018 14:44

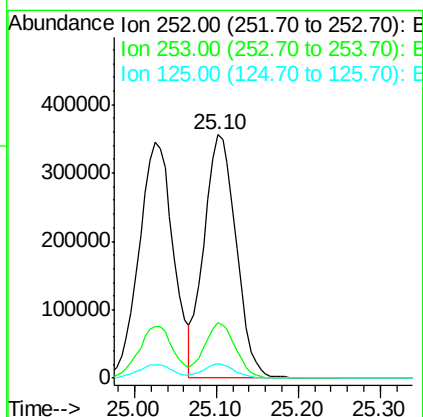
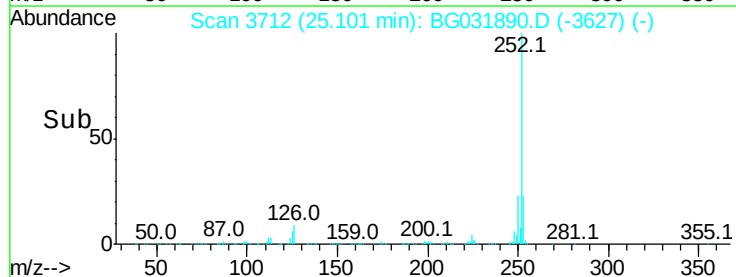
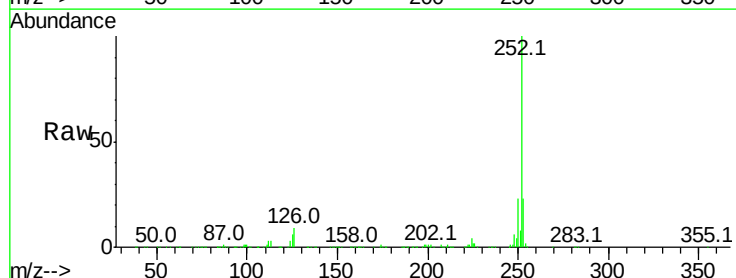
Tgt Ion:252 Resp: 970904

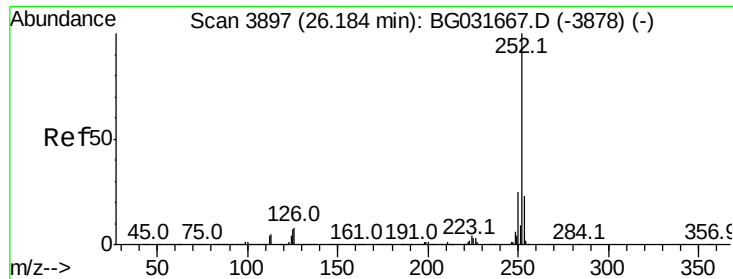
Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

125 6.1 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 33.691 ng

RT: 26.05 min Scan# 3873

Delta R.T. -0.03 min

Lab File: BG031890.D

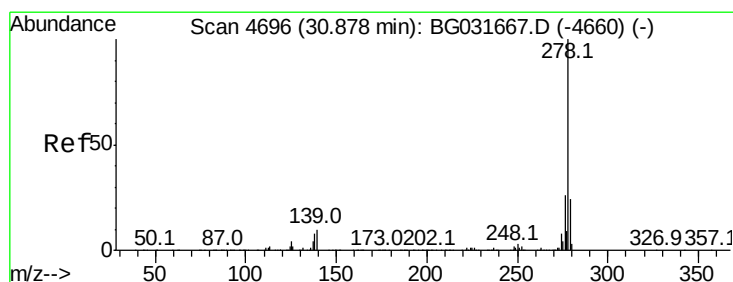
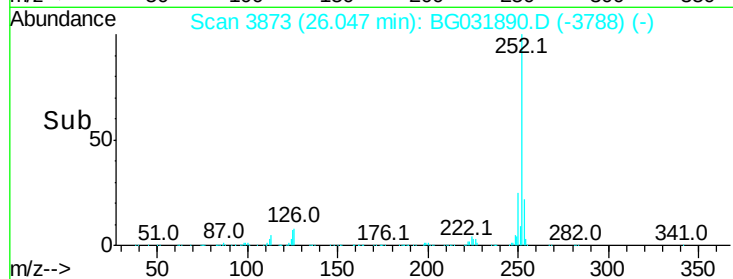
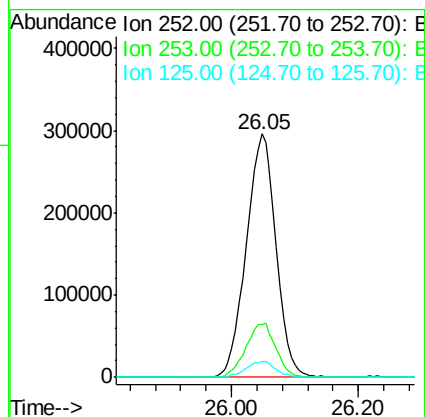
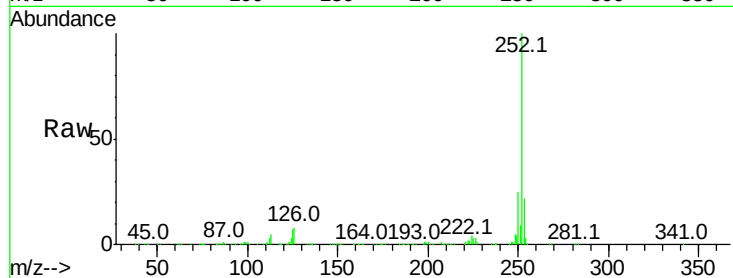
Acq: 3 Jan 2018 14:44

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	252	Resp:	966561
Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.3	27.5
125	6.7	7.3	10.9#



#90

Dibenzo(a,h)anthracene

Concen: 32.929 ng

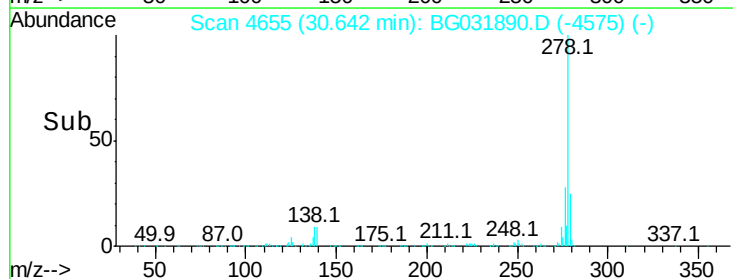
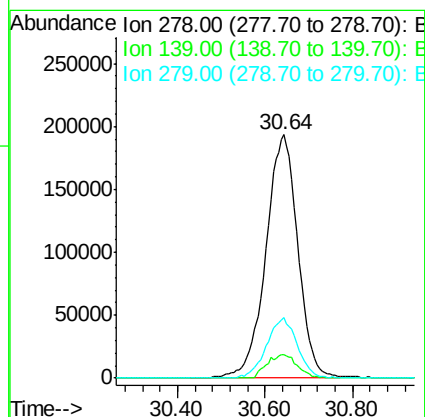
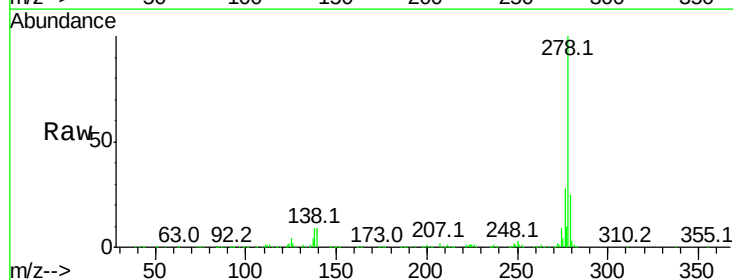
RT: 30.64 min Scan# 4655

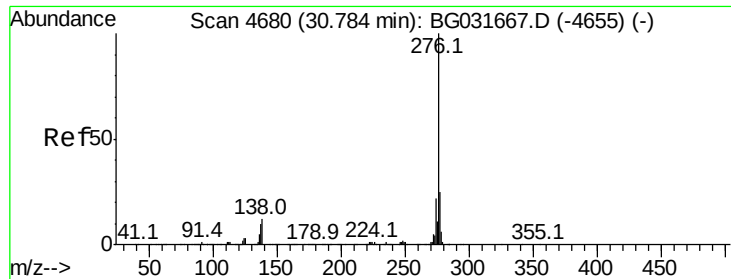
Delta R.T. -0.06 min

Lab File: BG031890.D

Acq: 3 Jan 2018 14:44

Tgt Ion:	278	Resp:	975681
Ion	Ratio	Lower	Upper
278	100		
139	9.5	9.8	14.6#
279	24.8	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 33.835 ng
 RT: 30.55 min Scan# 4640
 Delta R.T. -0.07 min
 Lab File: BG031890.D
 Acq: 3 Jan 2018 14:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1183618

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.3	27.5
138	11.7	13.9	20.9

